



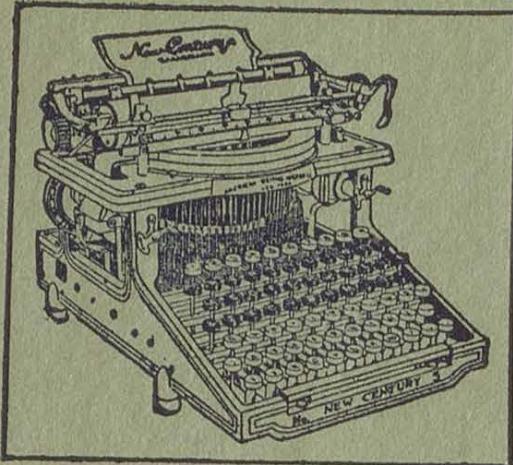
Days in and About Detroit.



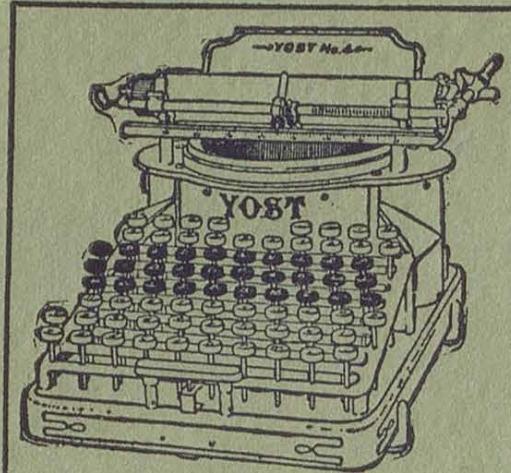
OFFICIAL PROGRAM JULY EIGHTH TO TWELFTH, 1901.

Issued by The Local Committee.

THREE DISTINGUISHED EDUCATORS



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HOTEL . . .

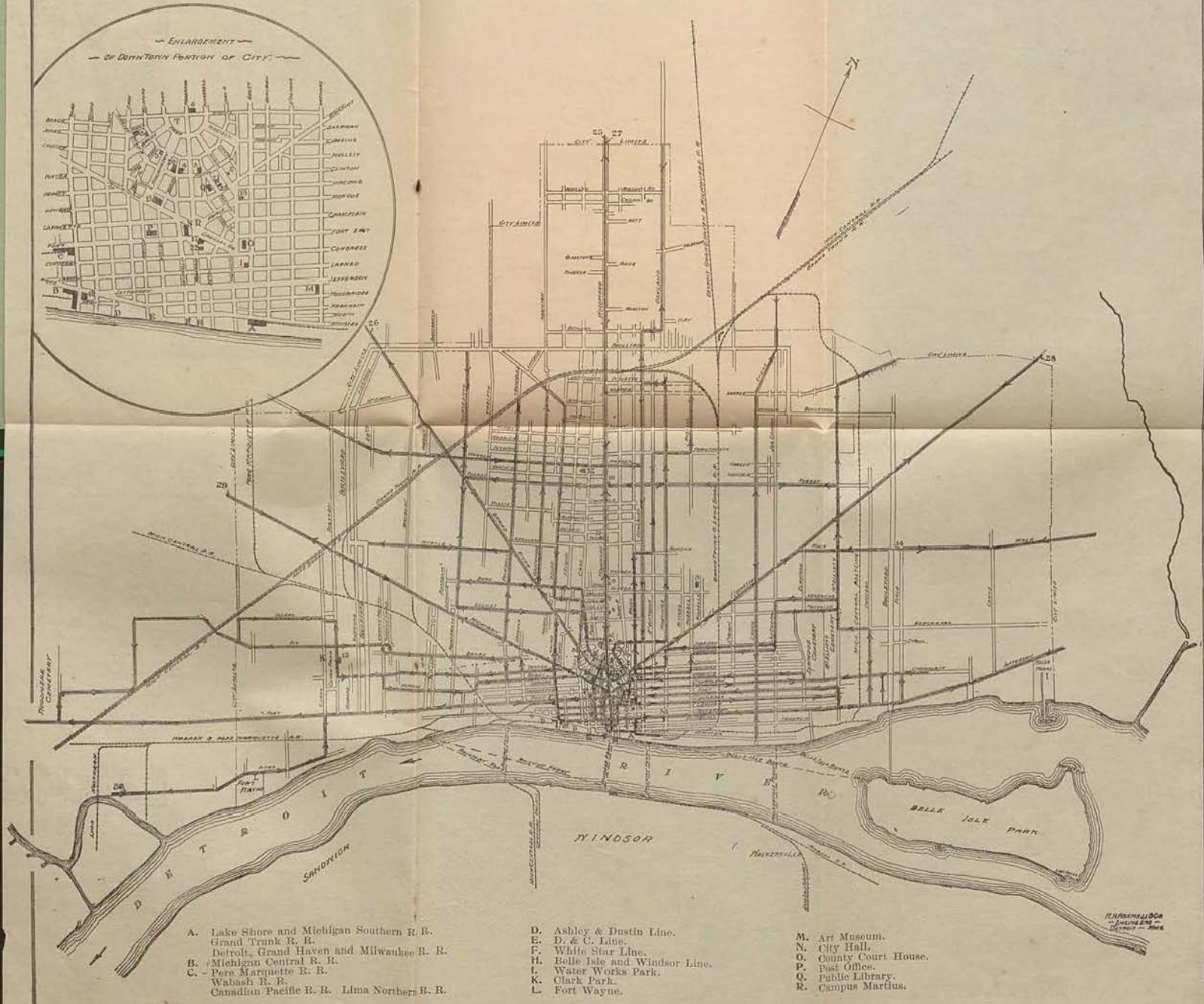
... hotel de la ville de la Haye. Hotel suffisant
pour 1000 personnes. Chambre à 10 francs.
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PLACES
OF
MEETING

1. Light Guard Armory, Brush and Larned.
2. Board of Education, 50 Miami Avenue.
3. Temple Beth El, Washington and Clifford.
4. Y. M. C. A. Building, corner Grand River and Griswold.
5. Business University, corner Wilcox and Bradley Place.
6. Central M. E. Church, corner Adams and Woodward.
7. Woodward Avenue Congregational Church, Woodward and Sibley.
8. Woodward Avenue Baptist Church, Woodward and Winder.
9. First Presbyterian Church, Woodward and Edmund Place.
10. First Congregational Church, Forest and Woodward.
11. Westminster Presbyterian Church, Woodward and Parsons.
12. Central High School, Cass Avenue, between Warren and Hancock.
13. Western High School, Scotten, near Baker.
14. Eastern High School, Boulevard and Mack.

... HOTELS ...

15. Cadillac Hotel, Michigan and Washington.
Hotel Normandie, Congress east, near Woodward.
17. Russell House, Woodward and Cadillac Square.
18. St. Claire Hotel, Monroe and Randolph.
19. Wayne Hotel, foot of Wayne street.
20. Griswold House, Griswold and Grand River.
21. Oriental Hotel, opposite Public Library.
22. Metropolis Hotel, Woodward, near Cadillac Square.
23. Library Park Hotel, opposite Public Library.
24. Brunswick Hotel, Grand River and Cass.

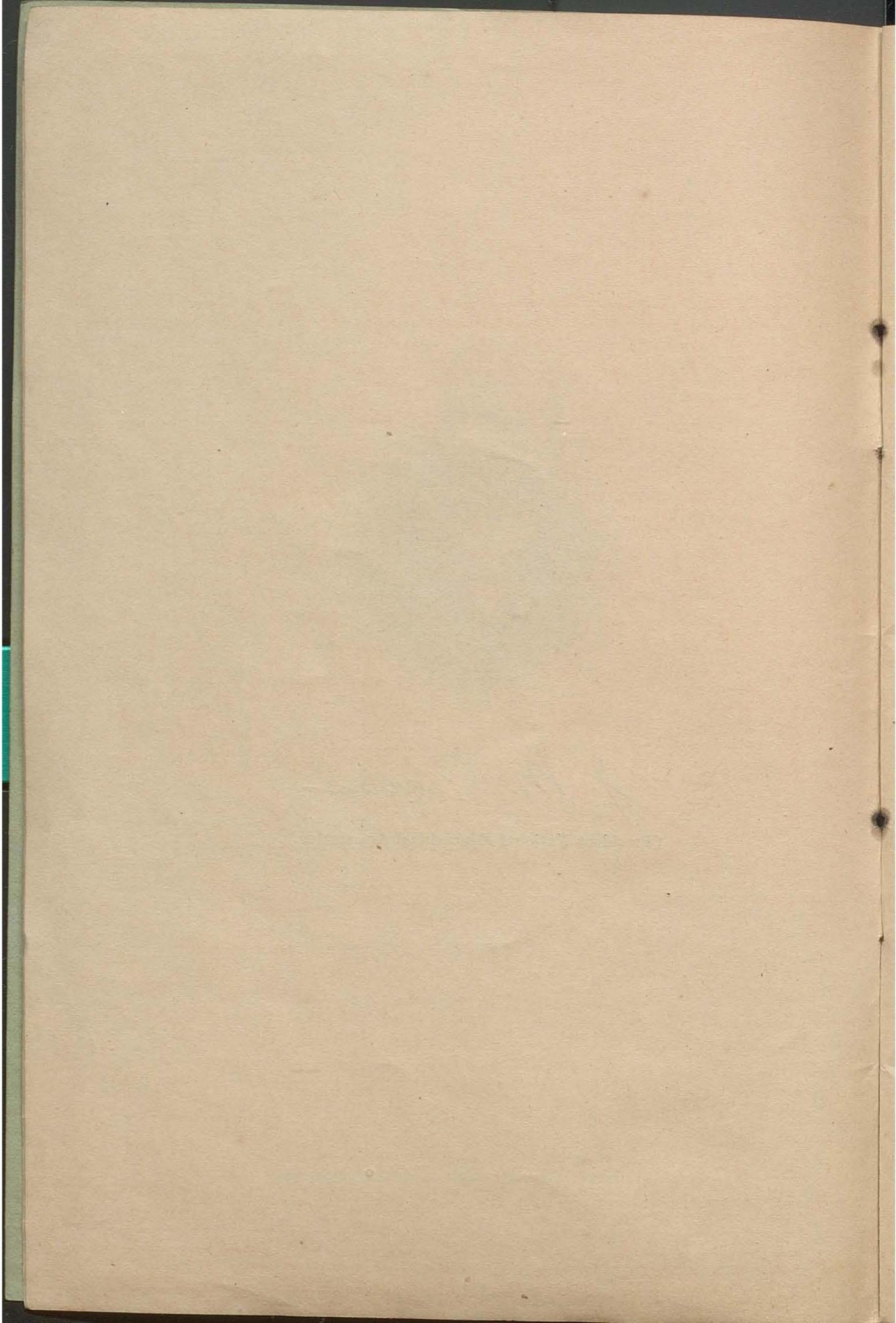


Press of
Michigan Printing and Advertising Co., 1468 Woodward Ave.



J. M. Gunn

(President National Educational Association.)



Information and Suggestions *For Members of the N. E. A.*



TIME.—Visitors in Detroit will notice that we use two standards of time. The railroads, steamboat lines, postoffice, and hotels use central standard time, i. e., the time reckoned from the 90th meridian. The ferry boats, banks, business houses (with a few exceptions), factories and citizens in general use local time, which is *twenty-eight minutes faster* than standard time.

BADGES.—The chairmen of local committees and all Detroit

teachers will wear distinctive badges. Visiting teachers may feel free to introduce themselves and ask for any information.

THE BUREAU of Registration, Assignment and Information is located at 82 Woodward avenue, near Jefferson.

A Branch Registration office is open at the Central High School.

DETAILS concerning side trips can be obtained on application to the chairman of the Local Excursion Committee, A. A. Schantz, D. & C. docks, foot of Wayne street.

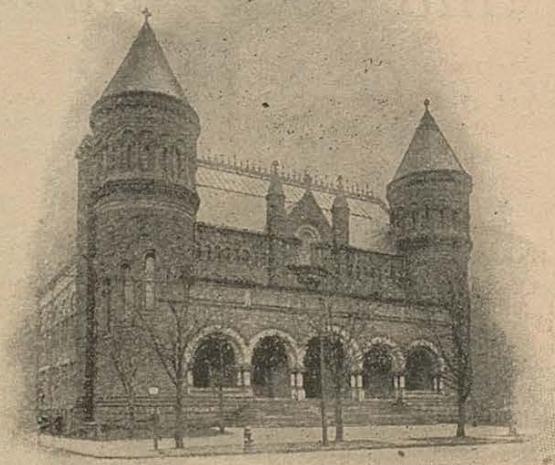
EXHIBITS of publishers' supplies and of school appliances are to be found in the corridors and adjoining rooms of the Central High School.

STREET CARS. *Five-cent lines* (cash), Woodward, Third, Jefferson, Brush, Michigan, Baker and Fort.

Three-cent lines (8 tickets, 25 cents), Sherman, Fourteenth and Crosstown.

Transfers are given on all lines with 5-cent cash fare.

THE ART MUSEUM.



located at the corner of Jefferson avenue and Hastings street, contains many fine collections of paintings, water colors, reproductions of ancient statuary, modern work in marble, and large collections of curios from all parts of the world. Arrangements have been made to have the Museum open during the convention 9 a. m. to 5 p. m.

MODERN SCHOOL BUILDINGS.

Detroit has a number of modern school buildings. Among them are the following:

Fourteen Rooms—

Parke School, Milwaukee avenue and Boulevard.

Franklin School, Brooklyn avenue, near Locust.

Gillies School, Junction avenue, corner Lafayette avenue.

Eight Rooms—

Poe School, Lysander street, near Sixth.

Preston School, Seventeenth street, near Howard.

PENAL INSTITUTIONS.

The House of Correction is an institution of wide and favorable reputation as one of the best of its kind in the country. There are about 300 inmates, who are employed at making chairs, buttons and various other articles. Open for visitors on Tues., Wed., Thurs. and Fri. Corner of Alfred and Russell streets. Take Fourteenth avenue cars up Hastings street.

SIDE TRIP RATES.

The side trip rates by the boats of the Detroit and Cleveland Steamship Navigation Co. will be: Detroit to Cleveland and return, \$2.00; to Buffalo and return, \$4.00; to Niagara Falls and

return, \$4.50; to St. Ignace and return, \$4.00; to Mackinac and return, \$4.00; to Petoskey and return, \$5.85; to Sault Ste. Marie and return, \$6.50; to Alpena and return, \$3.00; to Harbor Beach and return, \$2.00; to Toledo and return, 75 cents. See A. A. Schantz, Gen. Pass. Agent, D. & C. docks, foot of Wayne street, Detroit, Mich.

The round trip fare to Put-in-Bay and the Islands is 50 cents; do. to Sandusky, \$1.00, via the Steamer Frank E. Kirby, from dock foot of First street.

Round trip rate to Amherstburg, Grosse Ile and Sugar Island, via steamer Wyandotte, 35 cents on morning trip and 25 cents on afternoon trip.

Round trip rate to "The Flats," from 50 cents to \$1.00, according to boat and time limit; to Port Huron and St. Clair river ports, from 75 cents to \$1.25; to Toledo, 75 cents to \$1.25; all via White Star Line, foot of Griswold street.

Round trip rate to Bois Blanc Park and Amherstburg, via D., B. I. & W. Line, foot of Woodward avenue, 35 cents on morning boat, 25 cents on afternoon boat. To Belle Isle and Windsor, 5 cents each way.

DETROIT AND CLEVELAND STEAMERS.

We take pleasure in recommending to you the Detroit & Cleveland Navigation Company as the official side trip route from Detroit to all Michigan summer resorts. They have put in effect a rate of one fare for the round trip to all points of interest in Michigan and to Toledo, Cleveland and Buffalo. This company operates only first-class steamers, and is known as the "Coast Line." Their steamers are steel and the largest and fastest on the Great Lakes. This is a grand opportunity to visit Michigan points of interest. They will also take pleasure in reserving sleeping accommodations one week in advance. Kindly apply to ticket office foot of Wayne street, where steamers depart for Cleveland and Buffalo every morning, except Sunday, at 9:30, and *every* evening at 10:30. For Mackinac, Petoskey, Marquette, etc., they leave Mondays and Saturdays at 5 p. m., and Wednesdays and Fridays at 9:30 a. m.

SHORT SIDE TRIPS BY WATER.

CANADA.—On the south bank of the river, opposite Detroit, lies the old Canadian town, Windsor. By going to the foot of Woodward avenue and taking one of the D., B. I. & W. ferry boats, the visitor may have the pleasure of treading on foreign soil and noting for a short time many interesting things in the realms of his majesty King Edward VII. Fare, 5 cents.

A delightful trolley ride down the river on the Canadian bank takes one to the quaint old towns of Sandwich, just below Windsor, and Amherstburg, about 16 miles from Windsor, near Lake Erie, and to old Fort Malden.

ST. CLAIR FLATS.—One of the most notable and, indeed, a very interesting feature of the channel connecting the upper and lower

lakes is that great expanse of marshland known as the "Flats." The St. Clair river empties into Lake St. Clair through several channels, embracing a large number of islands whose surfaces lie scarcely above the water level. The strongest eye loses its power in the monotonous stretches of waving reeds, which seem to roll away in huge undulations of green to meet the sky on the distant horizon. The very simplicity of the scene lends it a grandeur which cannot fail to make a lasting impression. Many Detroit citizens, recognizing the unique beauty of the scenery, have dotted the banks of the main channel with summer cottages and club houses. This "Little



"Venice" of America can be reached three times daily by taking one of the White Star Line steamers.

Bois Blanc PARK.—Near the mouth of the Detroit river, and looking out upon Lake Erie, is the beautiful island of *Bois Blanc*, which has been made one of Detroit's principal picnic grounds, and which furnishes for thousands of our citizens a day's outing on the river.

PUT-IN-BAY.—A very fine water trip of about five hours is that which takes the pleasure-seeker to Put-in-Bay and the islands of Lake Erie. This trip is interesting because of the river scenery and the historic associations connected with Perry's victory.

PORT HURON.—Any who wish to spend a day on the water and see Lake St. Clair, the Flats, and the St. Clair river may take the morning boat of the Star Line. The return trip in the evening is especially enjoyable.

PARKS OF DETROIT.

Belle Isle Park is a pleasure ground of remarkable beauty, surrounded by water and embracing about 700 acres. Its chief attractions are the zoological exhibits, a boat house equipped with hundreds of rowboats and canoes, a bathhouse, a casino, picturesque



canals, lagoons, and rustic bridges, flower beds, expansive lawns, silvan driveways and inimitable views of river and lake.

Take ferry boats at foot Third street, Woodward avenue or Jos. Campau avenue, or take the Jefferson, Crosstown, Baker, Fort street, or Sherman cars east.

Palmer Park.—This is a fine park of 120 acres, consisting partly of native forest, wandering through whose footpaths one easily reaches primeval solitudes. A portion of the park is improved by landscape gardening, artificial lake, etc. Take Woodward avenue cars marked "Log Cabin" and go seven miles north.

Water Works Park.—One of the principal points of interest to all visitors to Detroit is the Water Works Park, four miles out Jef-

erson avenue, on the banks of the Detroit River. The park commands a fine view of Lake St. Clair and surrounds the water works, which was built by the city at a cost of seven million dollars. Pure lake water is supplied to the city from these works.

The gateway, at the entrance, is known as the Hurlbut Memorial Arch. There is a feeling akin to reverence inspired by this great mass of stone.

The grounds offer a most pleasing picture of landscape gardening, and the ponds and canals are filled with fish, which are a source



of great delight to the little folks who frequent the park.

The tower, one hundred and sixty-five feet high, affords an excellent opportunity to get a bird's-eye view of Detroit, Belle Isle and Lake St. Clair.

Visitors stand in awe before the titanic machinery that furnishes Detroit's water supply.

Cass Park, containing about 5 acres, is located between Bagg and Ledyard streets at their intersection with Second avenue. Fourteenth avenue cars west.

Clark Park is in the western part of the city, and may be reached by the Baker or Sherman cars.

Grand Circus Park is in the heart of the city, and is bisected by Woodward avenue. Only two quadrants of the original circle are still preserved as a park.

POINTS OF HISTORICAL INTEREST.

FORT PONTCHARTRAIN—

One of the places in Detroit most interesting because of its historic association is the site now occupied by the building of the Michigan Mutual Life Insurance Co., at the southwest corner of Jefferson avenue and Griswold street.

The gateway to the old stockade surrounding early Detroit was located at this point. It was through this gate that Pontiac, with sixty of his followers wrapped to their throats in blankets, hiding short guns, entered with the intention of surprising the garrison. Luckily, Maj. Gladwyn, who had been informed of the plot, had the courage and skill to foil the bold attempt by a stroke equally as daring. A bronze tablet now marks the place.

FORT SHELBY—

The last post held by the British in the northwest after the Revolution was Fort Shelby, which was evacuated by them on July 11, 1796. The new Government Building (post office), which now occupies the site, is one of unusual beauty and strength. Every visitor to Detroit should visit the United States Circuit Court room on the third floor of this building. This room is finished in a most elegant style, fifteen kinds of marble, besides mosaic and mahogany, being used in the decoration. See also tablet at Fort street entrance.



GRANT'S HOME—

The house occupied by Gen. U. S. Grant when he was first married still stands at number 253 Fort street east. Grant was then a Lieutenant in the Fourth United States Infantry, and kept house with his young wife at this place from 1847 to 1850.

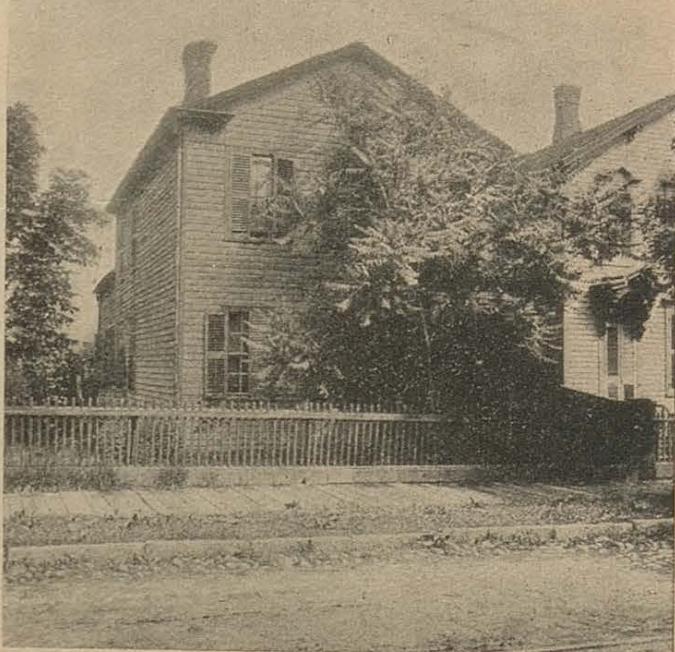
FORT WAYNE—

This fort, named in honor of Gen. Anthony Wayne, is situated on the river front in the extreme southwestern portion of the city. One battalion of the Fourteenth United States Infantry is now

stationed at this post. Fort street cars marked Delray run past the entrance to the grounds.

PONTIAC TREE—

A mile and a half out Jefferson avenue is the site of the Pontiac Tree. The tree itself has been cut down and but little remains of the ravine known as "Bloody Run," where Pontiac, the wild Indian chief, lead the English into an ambuscade and defeated them July 31, 1763. At present this site, at the mouth of what was then called



Parent's Creek, is occupied by the Michigan Stove Works, the largest plant of its kind in the world. For many years the old tree was kept carefully guarded, but five years ago it fell to pieces, and to-day on the exact spot where spread this large elm is the great Garland Stove that attracted such attention at the World's Fair.

The gavel used by President Green during the convention is made of the wood of this tree.

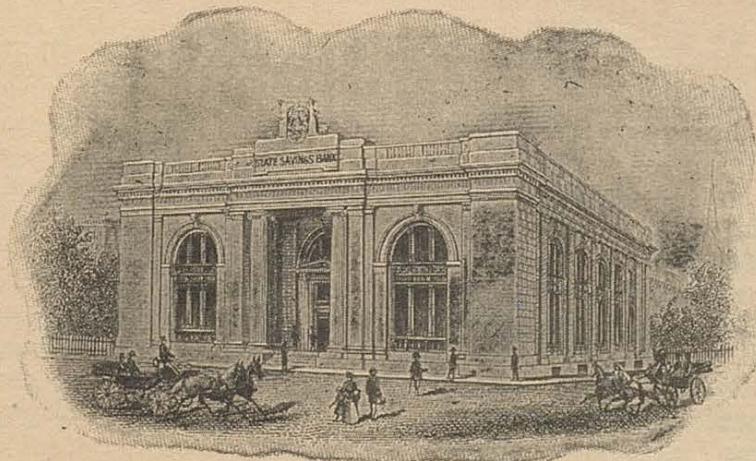
NOTABLE INDUSTRIES OF DETROIT.

Detroit is justly proud of having the largest pharmaceutical laboratories in the world. The plant of Parke, Davis & Co. covers many acres of ground and employs hundreds of people. Visitors are courteously shown through these extensive laboratories, and universally express themselves as being greatly edified by what they

have seen. Take Jefferson car east and get off at Jos. Campau ave.

The Michigan and Peninsular Car Works produce annually about 20,000 cars of all kinds. Take Michigan cars west.

American Car & Foundry Co., cor. Ferry ave. and Dequindre. Take Brush car.



Stove Works.—The Michigan Stove Works, on Jefferson avenue, is a plant of immense proportions, perhaps the largest in the world. Take Jefferson cars east.

The D. M. Ferry & Co. seed warehouses are the largest in the world. They are located at Monroe avenue and Brush street.

A BRIEF SKETCH OF MICHIGAN'S EDUCATIONAL SYSTEM.

For the benefit of those teachers who will visit the State of Michigan for the first time at the coming meeting of the National Educational Association this brief sketch has been prepared.

For educational purposes advantage is taken of the fact that the State is geographically divided into counties, the counties into townships, and the townships into districts.

DISTRICT—

The smallest geographical unit for educational purposes is the school district, a portion of a township or townships, the boundaries of which are legally defined.

The officers of the school district are elected by ballot at the annual school meeting, and include a moderator, who is the chairman; a director, who is the clerk, and an assessor, who is the treasurer of the district board. These officers are elected one each year for three years. Among their duties are:

To purchase or lease sites for and build school houses.

Estimate the amount necessary to be raised for the support of the schools.

Hire and contract with such duly qualified teachers as may be required.

Specify the studies to be pursued in the schools and the text-books to be used.

Purchase free text-books for indigent pupils.

And in general make and enforce suitable rules and regulations for its government and management, and for the preservation of the property of the district.

They make an annual report to the annual district meeting, to the clerk of the township, to the county commissioner, and through him to the State Superintendent of Public Instruction.

TOWNSHIP—

In each township two school inspectors are selected for two years each, and they, with the township clerk, constitute the township board of school inspectors. This board establishes the number and size of the districts in the township, regulates and alters the boundaries; if necessary, meets with the inspectors of an adjoining township and establishes fractional districts; receives and appropriates school moneys, and reports the same to the county commissioner, and through him to the State Superintendent of Public Instruction.

COUNTY—

A county commissioner of schools is elected at the biennial spring election. After 1903 his term of office will be four years. No one can hold the position of commissioner unless he possesses, besides an experience of twelve months as teacher in the public schools of Michigan, one of the following qualifications: Must be a graduate of the literary department of some reputable college, university or State normal school having a course of at least three years, or hold a State certificate, or be the holder of a first grade certificate.

His duties are to visit each of the schools in the county at least once each year, conduct examinations of teachers, consult and advise with school officers as to teachers, apparatus, buildings and the establishment of school libraries. In the work of examining the teachers he is assisted by two school examiners who are appointed by the county board of supervisors. The school commissioner is the real executive officer for the common schools, and upon him rests the responsibility for carrying into successful operation all the plans and methods desired for the conduct of the schools.

A large part of the schools are properly classified and graded. To secure uniformity in this direction a State Manual and Course of Study is published by the State Superintendent, and furnished to all the schools.

The foregoing sketches in outline the machinery of the common or country schools. They carry the pupil through the eighth grade, from which he may be graduated to pass directly to the high school.

CITY—

The city schools of Michigan are usually operated under special charters and governed by officers chosen under those charters. Boards of education range in number from three to forty. In the majority of cases the people elect the members of the board; in

some cases they are appointed by the mayor or common council. The schools are graded, and pupils are admitted at five years of age to the first grade. Four years are spent in the primary grades, four years in the grammar school and four in the high school.

STATE—

The State of Michigan fosters higher education along several distinct lines through the State University at Ann Arbor, the Michigan College of Mines at Houghton, the Michigan State Normal College at Ypsilanti, the Central Normal School at Mt. Pleasant, and the Northern Normal School at Marquette.

The University—

By an arrangement entered into between the high schools and the State University, graduates of the former are admitted to the University without examination, so that it is possible for a boy or girl to proceed by regular steps and without the embarrassment of intermediate entrance examinations from the first grade to the end of the University course.

The University of Michigan is one of the leading institutions of its kind in the United States. Its faculty numbers 161, and during the past year there were in attendance 3,300 students. Its course of study embraces all lines of literary work, law, medicine, pharmacy, mechanical and civil engineering and dentistry.

The Agricultural College—

To meet the requirements for advanced and scientific agriculture a college has been established at Lansing, which has attained high rank among institutions of this kind. One of the evidences that this is true is shown by the fact that the Michigan Agricultural College has sent out its graduates as teachers and leaders in kindred schools in many other States.

Mining School—

The demands for expert knowledge concerning mines and mining has led to the establishing at Houghton, in the upper peninsula, of the Michigan Mining School, which has already attained to more than a State reputation. Students are in attendance from all parts of the Union.

Normal Schools—

To partially meet the demands for trained teachers, three normal schools have been established as enumerated above. The law provides that, before being admitted, all applicants shall sign a declaration of intention to teach in the schools of the State.

These institutions stand for three essentials in the preparation of the teacher: (1) A high grade of scholarship; (2) the study of education as a science; (3) practice in teaching under expert supervision and criticism. The teaching force of these schools aggregates 99, and the enrollment of students numbers 1,977.

NON-STATE SCHOOLS—

Besides the above named institutions which are directly under the control of and supported by the State, Michigan has many suc-

cessful and flourishing institutions of learning supported by private funds. Each of the leading religious denominations has one, and only one, representative school: Adrian College, under the patronage of the Methodist Protestant Church; Albion College, governed by a board of trustees elected by the two Methodist Conferences of the State; Alma College, established by the Michigan Synod of the Presbyterian Church; Battle Creek College, under the control of trustees elected by the Seven Day Adventists; Detroit College, under the care of the Fathers of the Society of Jesus; Hillsdale College, the affairs of which are administered by the Free Baptist denomination; Hope College, established and maintained by the General Synod of the Reformed Church in America; Kalamazoo College, controlled by the Baptist denomination; Olivet College, founded by the Congregational Church.

Besides these might be mentioned a long list of private schools, academies, seminaries, Military Academy, and several professional schools, including the Detroit College of Law, Detroit College of Medicine, Detroit Homeopathic College, Grand Rapids Medical College, and Saginaw Valley Medical College.

SCHOOL SYSTEM OF DETROIT.

The following is a brief statement of a few of the more important points in Detroit's school system.

The school system of Detroit provides for a normal training school, high school, primary and grammar schools, kindergartens, a deaf school, and a truant or "ungraded" school.

As early as 1881 the school authorities recognized the necessity and importance of special preparation for the work of teaching, and established the Normal Training School.

There are two departments in the Normal School. In one the students are prepared to become regular primary and grammar grade teachers. In the other the training is for kindergarten work. The course, covering a period of two and one-half years, includes psychology, theory and



practice in teaching, nature study, music, drawing, etc. The school has a three-fold purpose:

1. To supply efficient teachers to the graded schools of the city.
2. To aid in raising the standards and ideals of the whole teaching body.
3. To apply and test advanced pedagogical ideas, and thus prepare the way for their general introduction into the schools.

The Grammar and Primary Schools are in charge of principals who have almost perfect freedom in working out the details of their schools. They assign teachers to the grades where they can do the best work, and carry into effect all directions, both general and specific, coming through the office of Superintendent of Schools. They supervise all studies but music, drawing, penmanship and physical culture, which are the immediate charge of the supervisors of those lines of work.

Free text-books have been a success in Detroit. Since 1893 Detroit has supplied all pupils in the primary and grammar grades with text-books. The plan has some minor disadvantages, but these are offset by the decided benefits derived. Statistics show that after the introduction of free text-books a great increase in attendance followed.

Promotions are made twice a year, although the system is so elastic that a pupil may be promoted at any time on evidence that he can do the work of the next higher grade. Sometimes whole classes working under favorable conditions are allowed to go on before the regular promotion time. Promotions are based upon the "recommendation" of the teacher, or upon examination, if the pupil's work does not warrant "recommendation." Frequently sets of questions are prepared in the Superintendent's office for the different grades, and all pupils in those grades in the city are requested to take the examination. This has tended to unify the work of the various schools, and has, without doubt, raised the standard of excellence.

No person plays so important a part in our school system as the Superintendent of Schools. He has the entire responsibility of the educational side of the work, and also, virtually, the appointment of all teachers, as his recommendation is equivalent to an appointment. He is assisted in the discharge of his duties by an assistant superintendent, who visits all the grades; and supervisors of music, drawing, penmanship, manual training, and physical culture.

The Board of Education, which consists of a representative from each ward in the city, is elected for a term of four years by the different wards. At present there are seventeen members. They have general legislative power, and delegate to the Superintendent and his assistant the exclusive control of the educational function of the schools.

DIRECTORY OF MEETINGS

National Educational Association.

DEPARTMENT.	PLACE OF MEETING.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
General Sessions	Light Guard Armory		Afternoon	Morning	Morning	Morning
National Council Ed'c't'n	Y. M. C. A. Hall	Morning	Evening	Evening	Evening	Evening
Physical Education	Light Guard Armory	Afternoon	Morning	Afternoon	Afternoon	Afternoon
Business Education	Business University	Evening				
Indian Education	Central M. E. Church	Morning	Morning	Morning	Afternoon	Afternoon
Library	Chapel Central M. E. Church	Afternoon				
Deaf, Blind and Feeble Minded	Woodward Ave. Congregational Church				Afternoon	Afternoon
Child Study and Kindergarten	Woodward Ave. Baptist Church			Afternoon		Afternoon
Music	First Presbyter'n Church			Afternoon	Afternoon	
Art Education	First Congregat'l Church			Afternoon	Afternoon	
Normal Schools	Chapel First Congregational Church			Afternoon	Afternoon	
	Central High School			Afternoon		
Science	Room 111					Afternoon
School Administration	Room 130				Afternoon	Afternoon
Manual Training	Room 211				Afternoon	
Secondary Education	Room 230			With Art	Afternoon	
Higher Education	Room 314			Afternoon	Afternoon	
Superintendence	Room 314			Afternoon	Afternoon	Afternoon
Elementary Education	Auditorium				Afternoon	Afternoon

All Morning Sessions open at 9:00 Standard, 9:28 Local.

All Afternoon Sessions at 2:32 Standard, 3:00 Local.

All Evening Sessions at 8:00 Standard, 8:28 Local.

Program.

**General Sessions will be held at Light
Guard Armory.**

TUESDAY AFTERNOON, JULY 9.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Chorus.

Prayer—Rev. A. H. Barr, Pastor Jefferson Avenue Presbyterian Church.

ADDRESSES OF WELCOME—

His Excellency, Hon. A. T. Bliss, Governor of Michigan.

Hon. Delos Fall, State Superintendent of Public Instruction, Lansing, Mich.

Hon. W. C. Maybury, Mayor, Detroit.

President James B. Angell, University of Michigan, Ann Arbor, Mich.

Superintendent Wales C. Martindale, City Schools, Detroit.

RESPONSES—

Hon. Richard Harcourt, Minister of Education, Toronto, Ont.

Superintendent R. G. Boone, City Schools, Cincinnati, Ohio.

NOTE—Active members will meet at their respective State Headquarters, or at other places to be announced in the general program, at 5:30 p. m. (Standard time), Tuesday, July 9, to select nominees for the general Nominating Committee.

TUESDAY EVENING.

8 o'clock, Standard Time; 8:28, Local Time.

Music—Double Quartette, under direction of Mr. Marshall Pease.

1. The Duty of the National Educational Association in Shaping Public Educational Opinion. J. M. Green, President National Educational Association, Trenton, N. J.

Music—Double Quartette.

2. Progress in Education. Bishop John L. Spaulding, Peoria, Ill.

WEDNESDAY MORNING, JULY 10.

9:00, Standard Time; 9:28 Local Time.

Music—Trio—Violin, Miss Charlotte McDonald; 'Cello, Miss Emma McDonald; Piano, Miss Kate McDonald.

Prayer—Rt. Reverend John S. Foley, Bishop of Detroit.

ELEMENTARY EDUCATION—

1. What is a Fad? F. Louis Soldan, Superintendent of City Schools, St. Louis, Mo.
2. Is the Curriculum Overcrowded? J. H. Van Sickle, Superintendent of Schools, Baltimore, Md.
3. How Early May Hand Work be Made a Part of School Work? Charles R. Richards, Director of Manual Training, Teachers' College, Columbia University, New York City.

Discussion, by Wm. K. Fowler, State Superintendent of Public Instruction, Lincoln, Neb., and Wm. M. Davidson, Superintendent of City Schools, Topeka, Kas.
Appointment of Committee on Nominations.

WEDNESDAY EVENING.

8 o'clock, Standard Time; 8:28, Local Time.

Vocal Solo—

1. Gipsey John (Clay).
2. Danny Deever (Damrosch).

Witter J. Peabody.

1. The School and the Library. Frederick N. Crunden, Librarian of Public Library, St. Louis, Mo.

Music—Ladies' Trio, under direction of Mrs. Ellen Peabody.

2. Some of Our Mistakes. Principal George M. Grant, Queen's University, Kingston, Ontario, Canada.

THURSDAY MORNING, JULY 11.

9:00, Standard Time; 9:28 Local Time.

Music—Cornet Solo, Mr. Harold Todd.

Prayer—Rev. W. D. Maxon.

ECONOMICS AND EDUCATION—

1. Social Science and the Curriculum. Professor Geo. E. Vincent, University of Chicago, Ill.
2. Influence on Education of Recent Economic Changes. Professor John H. Finley, Professor of Politics, Princeton University, N. J.
3. Economics in the Public Schools. George Gunton, President, Institute of Social Economics, Union Square, New York City.
4. Ideals and Methods of Economic Teaching. Professor Frederick W. Speirs, N. E. Manual Training School, Philadelphia, Pa.

Discussion, by Reuben Post Halleck, Principal of Boys' High School, Louisville, Ky.

Annual meeting of active members for election of officers and the transaction of other business, at 12:00 m.

THURSDAY EVENING.

8 o'clock, Standard Time; 8:28, Local Time.

Music—Vocal Solo—"My Dreams" (Tosti).

Mr. Fletcher Norton.

Our National Floral Emblem. Edna Dean Proctor, South Framingham, Mass.

(a) "The Night has a Thousand Eyes"; (b) "Love in Absence";
Mr. Norton.

The Problems of Education in England. Cloutesley S. H. Brereton, Melton Constable, England.

FRIDAY MORNING, JULY 12.

9:00, Standard Time; 9:28 Local Time.

Music—Vocal Solo—Mrs. Charles Clements.

Prayer—Rev. D. D. MacLaurin, Pastor Woodward Avenue Baptist Church.

HIGHER EDUCATION—

1. The Functions of a University in a Prosperous Democracy. Chas. F. Thwing, President Western Reserve University, Cleveland, Ohio.
2. Federal and State Interest in Higher Education. Robert B. Fulton, President University of Mississippi, University, Miss.
3. The Missing Link in Southern Education. Professor Chas. W. Kent, University of Virginia, Charlottesville, Va.
4. Recent Growth of Public High Schools in the United States as Affecting the Attendance of Colleges. Hon. Wm. T. Harris, Commissioner of Education of the United States.

Discussion, by Wm. H. Smiley, Principal of High School, District No. 1, Denver, Colo., and James Russell Parsons, Jr., Secretary of the University of the State of New York, Albany, N. Y.

FRIDAY EVENING.

8 o'clock, Standard Time; 8:28, Local Time.

The Relation of Music to Life. Thomas Whitney Surette, Staff Lecturer on Music for the American University Extension Society, Lecturer for the University of the State of New York.

Assistants in illustration—Miss Anna Otten, violinist, New York; Mr. Frederick L. Abel, violincellist, Detroit, Mich.

ILLUSTRATIVE PROGRAM—

Adagio from Trio for Violin, Violoncello and Piano, in G Major (Haydn).

Allegro Moderato from Trio in B flat, Op. 97 (Beethoven).

Scherzo from Trio in B flat, Op. 97 (Beethoven).

Adagio from Sonata for Violin and Piano, Op. 78 (Brahms).

THE NATIONAL COUNCIL OF EDUCATION.

Session in Y. M. C. A. Auditorium.

Charles M. Jordan, Minneapolis, Minn.	President
Miss Bettie A. Dutton, Cleveland, Ohio	Vice-President
J. H. Phillips, Birmingham, Ala.	Secretary
Elmer E. Brown, Berkeley, Cal.	Executive Committee
Nicholas Murray Butler, New York City	Executive Committee
Joseph Swain, Bloomington, Ind.	Executive Committee

MONDAY, JULY 8.

9:00 A. M., Standard Time; 9:28, Local Time.

Music—Vocal Solo—Miss Cora Cross.

Isolation in the School; How it Hinders and How it Helps. Wm. T. Harris, Commissioner of Education of the United States.

2:00 P. M., Standard Time; 2:28, Local Time.

Music—Vocal Solo—Miss Margaret Street.

Educational Progress During the Past Year. Elmer E. Brown, Professor of Theory and Practice of Education, University of California, Berkeley, Cal.

The Citizens' Reception Committee have extended invitations to the officers of the Association and its department, and to members of the National Council, for a boat ride and luncheon Monday, July 8th, at 4 p. m. Boat leaves foot of Woodward avenue.

8:00 P. M., Standard Time; 8:28, Local Time.

Music—Quartette—"He Watches Over Israel" (Mendelssohn).

Mrs. Thomas Leete.

Mrs. Marshall Pease.

Mr. Marshall Pease.

Mr. George Dennis.

Mr. Fred Alexander, organist.

1. Address in Memory of Professor B. A. Hinsdale, LL. D., by James B. Angell, President University of Michigan, Ann Arbor, Mich.

Quartette—"Beyond the Smiling and the Weeping" (Roney).

2. Addresses in Memory of Hon. Henry Barnard, LL. D.

(a) Henry Barnard as an Educational Critic. Francis W. Parker, Director of School of Education, University of Chicago, Chicago, Ill.

(b) The Establishment of the Office of United States Commissioner of Education and Henry Barnard's Relation to it, by William T. Harris, Commissioner of Education of the United States.

(c) Henry Barnard's Influence on the Establishment of Normal Schools in the United States, by E. Oram Lyte, Principal of First Pennsylvania Normal School, Millersville, Pa.

(d) The Influence of Henry Barnard on Schools in the West, by N. C. Dougherty, Superintendent of Schools, Peoria, Ill.

(e) Henry Barnard's Home Life, and His Work and Influence upon Education as Commissioner of Connecticut and Rhode Island, by Charles H. Keyes, Superintendent of Schools, South District, Hartford, Conn.

TUESDAY, JULY 9.

9:00 A. M., Standard Time; 9:28, Local Time.

Music—Vocal Solo—Mr. Geo. Dennis.

1. Lessons of the Educational Exhibits at Paris.

(a) By Miss Anna Tolman Smith, U. S. Bureau of Education, Washington, D. C.

(b) By Howard J. Rogers, Director of Educational and Social Economy, United States Commission to the Paris Exposition, Albany, N. Y.

2. Report of the Committee on a National University, presented by the chairman, William R. Harper, president of the University of Chicago, Chicago, Ill.

THURSDAY, JULY 11.

2:32 P. M., Standard Time; 3 o'clock, Local Time.

Music—Vocal Solo—Mrs. Jennie Standart.

The Ideal School. G. Stanley Hall, President of Clark University, Worcester, Mass.

FRIDAY, JULY 12.

2:32 P. M., Standard Time; 3 o'clock, Local Time.

Music—Vocal Solo—Miss Esther St. Johns.

1. Report of the Committee on Investigations and Appropriations, by the chairman, James M. Greenwood, Superintendent of Schools, Kansas City, Mo.
2. Report of Committee on Prize Essays on School Hygiene, by the chairman, President A. R. Taylor, State Normal School, Emporia, Kas.
3. Business meeting.

Local Committee—President James B. Angell, chairman.

DEPARTMENTS OF KINDERGARTEN EDUCATION AND CHILD STUDY.

Joint Sessions in Woodward Avenue Baptist Church.

Kindergarten Department—

Miss Evelyn Holmes, Charleston, S. C. President
Miss Caroline M. C. Hart, Mt. Washington, Md. Vice-President
Miss Clara W. Mingins, Detroit, Mich. Secretary

Child Study Department—

Thomas P. Bailey, Jr., Chicago, Ill. President
Miss Marion Brown, New Orleans, La. Vice-President
Manfred J. Holmes, Normal, Ill. Secretary

WEDNESDAY AFTERNOON, JULY 10.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Woodward Avenue Baptist Choir.

General Topic for Both Sessions—Rhythm of Work and Play.

1. Work and Play for the Kindergarten Child. Mrs. Alice H. Putnam, Superintendent of Chicago Froebel Association, Chicago, Ill.

2. Work and Play for the Child of the Elementary School. Miss Charlotte M. Powe, Supervisor of Primary Grades, city schools, Columbia, S. C.

3. Work and Play in Adolescence. M. V. O'Shea, Professor of the Science and Art of Education, University of Wisconsin.

4. Necessary Elements in Work and Play: Practical Result in Courses of Study. Miss Geraldine O'Grady, Teachers' College, Columbia University, New York City, N. Y.

5. Business: Appointment of Committees.
Reception for Kindergarten and Child Study Department and Herbart Society, Wednesday evening, July 10th, at the home of Miss Grace Fletcher, 814 Jefferson Ave.

THURSDAY AFTERNOON, JULY 11.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Woodward Avenue Baptist Choir.

1. President's Address. Miss Evelyn Holmes, President Kindergarten Department, N. E. A.; Director South Carolina Kindergarten Training School, Charleston, S. C.
2. Rhythm in the Kindergarten, with illustrations from Experience. Mrs. Ethel Roe Lindgren, Director in Chicago Kindergarten Institute, Chicago, Ill.
3. General discussion of papers read at both sessions, led by Superintendent Chas. H. Keyes, Hartford, Conn.; Miss Mary Adair, City Normal School, Philadelphia, Pa.; Professor P. P. Claxton, State Normal and Industrial College, Greensboro, N. C.
4. Business: Reports of Committees; Election of Officers.
Local Committee for Kindergarten Department—Miss Clara W. Mingins, Chairman.
Local Committee for Child Study Department—Miss Harriet A. Marsh, Chairman.

NOTE.—A Parents' Conference will be held on Friday afternoon, July 12, at which many distinguished teachers will be present and take part in the informal discussions.

DEPARTMENT OF ELEMENTARY EDUCATION.

Sessions in Central High School, Assembly Room.

J. W. Carr, Anderson, Ind.....	President
J. C. Harris, Rome, Ga.....	Vice-President
Mrs. Sarah D. Jenkins, Ithaca, N. Y.....	Secretary

Reception Elementary and Superintence Departments, Wednesday, July 10th, 4-6 o'clock, Local Time, at Thomas Normal Training School, 550 Woodward Ave.

THURSDAY AFTERNOON, JULY 11.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Vocal Solo, Miss Esther St. John.

1. The Church and the Public School. Thomas A. Mott, Superintendent of Schools, Richmond, Ind.
Discussion. Led by Hon. N. C. Schaeffer, Harrisburg, Pa.
2. Economic Basis of Art; Cause and Cure of Art Unresponsiveness in Children. Charles DeGarmo, Professor of Science and Art of Education, Cornell University, Ithaca, N. Y.
Discussion.
3. Business: Appointment of Committees.

FRIDAY AFTERNOON, JULY 12.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Trio, Miss Isabel Weir, Miss Clara Vollbrecht, Miss Margaret Backus.

1. Educational Pioneering in the Southern Mountains. William Goodell Frost, President of Berea College, Berea, Ky.

Discussion—Hon. G. R. Glenn, State School Commissioner for Georgia, Atlanta, Ga.
Song—Miss Isabel Weir.
2. Nature Study in the Public Schools. Rev. Wm. J. Long, author of "Ways of Wood-Folk, etc." Stamford, Conn.
Discussion—Miss Adda P. Wertz, Critic Teacher, Southern Illinois State Normal University, Carbondale, Ill., and Mrs. Mary Rogers Miller, Lecturer on Nature Study, Cornell University, Ithaca, N. Y.
3. Business: Reports of Committees; Election of Officers.
Local Committee—Miss Isabel F. Thirkell, Chairman.

DEPARTMENT OF SECONDARY EDUCATION.

Sessions in Central High School, Room 230.
W. J. S. Bryan, St. Louis, Mo. President
Miss Nettie Fillmore, Cincinnati, O. Vice-President
C. A. Graeser, Charleston, S. C. Secretary

WEDNESDAY AFTERNOON, JULY 10.

2:32, Standard Time; 3 o'clock, Local Time.
Music—Vocal Solo, Miss Gertrude Loder.
1. The Function of the High School of To-Day. J. Remsen Bishop, Principal of the Walnut Hills High School, Cincinnati, O.
Discussion—Stratton D. Brooks, High School Visitor of the University of Illinois, Champaign, Ill.
Business: Appointment of Committees.
2. Round Table Discussions on Secondary Studies.
English Conference—Auditorium. Leader, J. H. Harris, Principal of the Michigan Military Academy, Orchard Lake, Mich.
Latin Conference—Room No. 311. Leader, F. P. Moulton, Instructor of Latin, High School, Hartford, Conn.
Commercial Studies Conference—Room No. 118. Leader, Thomas H. H. Knight, Girls' High School, Boston, Mass.
Art Conference—Room No. 307. Leader, Miss Roda Selleck, teacher in charge of Art Department, High School, Indianapolis, Ind.
Botany Conference—Room No. 217. Leader, Lewis Murbach, Teacher of Biology, Central High School, Detroit, Mich.

THURSDAY AFTERNOON, JULY 11.

2:32, Standard Time; 3 o'clock, Local Time.
Music—Song, Miss Lois Inglis.
1. Round Table Discussions on Secondary Studies.
Zoology Conference—Room No. 217. Leader, Franklin W. Barrows, Teacher of Zoology, Central High School, Buffalo, N. Y.

Domestic Science Conference—Room No. 302. Leader, Miss Abbie L. Marlatt, Teacher of Domestic Science, Manual Training High School, Providence, R. I.

Algebra Conference—Room No. 311. Leader, George W. Evans, Teacher of Mathematics, English High School, Boston, Mass.

Greek Conference—Room No. 307. Leader, Isaac N. Judson, Teacher of the Classics, St. Louis High School, St. Louis, Mo.

German Conference—Room No. 301. Leader, Joseph Krug, Teacher of German, Central High School, Cleveland, O.

Physics Conference—Room No. 117. Leader (to be supplied).

2. Round Table Discussions on Secondary Studies (at 4:30 p. m., Local Time).

Chemistry Conference—Room No. 9. Leader, C. E. Lineberger, Teacher of Chemistry, Lake View High School, Chicago, Ill.

Geometry Conference—Room No. 218. Leader, Alan Saunders, Teacher of Geometry, Hughes High School, Cincinnati, O.

Manual Training Conference—Room No. 224. Leader, G. B. Morrison, Principal of the Manual Training High School, Kansas City, Mo.

History Conference—Room No. 230. Leader, James J. Shepard, head Teacher of History, DeWitt Clinton High School, New York, N. Y.

Physiology Conference—Room No. 212. Leader, Wm. H. Snyder, Teacher of Science, Worcester Academy, Worcester, Mass.

French Conference—Room No. 305. Leader (to be supplied).

3. Business: Reports of Committees; Election of Officers.

Local Committee—James H. Beazell, Chairman.

Reception Secondary and Business Departments, Thursday afternoon from 4-6 o'clock, Local Time, at Thomas Normal Training School, 550 Woodward Ave.

DEPARTMENT OF HIGHER EDUCATION.

Sessions in Central High School, Room 314.		
Charles F. Thwing, Cleveland, O.....	President
William M. Beardshear, Ames, Iowa.....	Vice-President
William H. Black, Marshall, Mo.....	Secretary

WEDNESDAY AFTERNOON, JULY 10.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Vocal Solo, Miss Clara Vollbrecht.

1 The Function of the State University. R. H. Jesse, President of the University of Missouri, Columbia, Mo. Discussion.

2. Rise of National Education in the Sixteenth Century. Profes-

sor John W. Perrin, Western Reserve University, Cleveland, Ohio.

Discussion.

3. Business: Appointment of Committees.

Reception for Higher, Normal and Science Departments, Thursday evening, July 11th, from 8:30 to 11:00, Local Time, at Thomas Normal Training School, 550 Woodward Ave.

FRIDAY AFTERNOON, JULY 12.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Mrs. Frank Andrews.

1. Education for Social Control. Wm. E. Chancellor, Superintendent of Schools, Bloomfield, N. J.

Discussion.

2. The Moral Element in Education. W. H. Faunce, President of Brown University, Providence, R. I.

Discussion.

3. Business: Reports of Committees; Election of Officers.

Local Committee—Clark B. Hall, Chairman.

DEPARTMENT OF SUPERINTENDENCE.

Sessions in Central High School, Room 314.

G. R. Glenn, Atlanta, Ga..... President

H. P. Emerson, Buffalo, N. Y..... Vice-President

F. W. Cooley, Calumet, Mich..... 2nd Vice-President

John W. Dietrich, Colorado Springs, Colo..... Secretary

Reception Elementary and Superintence Departments, Wednesday, July 10th, 4-6 o'clock, Local Time, at Thomas Normal Training School, 550 Woodward Ave.

Reception for Art and Manual Training Departments in the Parlors of the First Congregational Church, Wednesday, July 10th, 4:30 Standard.

THURSDAY AFTERNOON, JULY 11.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Song, Miss Cora Cross.

In accordance with action taken at the annual meeting of the department held in Chicago in February, 1901, an adjourned session of the Round Table of the State and County Superintendents will be held for the discussion of the following topics:

Library Systems, Teachers' Wages, Recent Legislation, Uniform Text Books for the Common Schools, Free Text Books, County Institutes, Teachers' Reading Circles, Consolidation of Schools, Transportation of Pupils.

Leader—Hon. Frank L. Jones, State Superintendent of Public Instruction, Indianapolis, Ind.

Secretary—Miss Fannie G. Gies, Superintendent of Schools of Mower County, Austin, Minn.

Superintendent Wales C. Martindale, Local Chairman.

DEPARTMENT OF NORMAL SCHOOLS.

Sessions in First Congregational Chapel.
Charles D. McIver, Greensboro, N. C. President
Z. X. Snyder, Greeley, Colo. Vice-President
Myron T. Scudder, New Paltz, N. Y. Secretary

WEDNESDAY AFTERNOON, JULY 10.

2:32, Standard Time; 3 o'clock, Local Time.
Music—Violin Solo—Miss Leila Farrell.
1. The Training of Teachers for Secondary Schools. Dean James B. Russell, Teachers' College, Columbia University, New York City.
Discussion by Professor George H. Locke, University of Chicago, Ill., and others.
2. Business: Appointment of Committees.
Reception for Higher, Normal and Science Departments, Thursday evening, July 11th, from 8:30 to 11:00, Local Time, at Thomas Normal Training School, 550 Woodward Ave.

FRIDAY AFTERNOON, JULY 12.

2:32, Standard Time; 3 o'clock, Local Time.
Music—Vocal Solo, Miss Jennie Stoddard.
1. The Practice School in Connection with Normal Colleges.
Discussion by P. P. Claxton, Professor of Pedagogy, State Normal and Industrial College, Greensboro, N. C., and others.
2. Enriching the Normal School Courses. Principal Augustus S. Downing, Training School for Teachers, New York City.
Discussion.
3. Business: Reports of Committees; Election of Officers.
Local Committee—Miss Regenia R. Heller, Chairman

DEPARTMENT OF MANUAL TRAINING.

Session on July 11 in Central High School, Room 211.
Charles A. Bennett, Peoria, Ill. President
B. A. Lenfest, Waltham, Mass. Vice-President
L. A. Buchanan, Stockton, Cal. Secretary

WEDNESDAY AFTERNOON, JULY 10.

2:32, Standard Time; 3 o'clock, Local Time.
Joint session with Department of Art Education, in First Congregational Church.
Trio—Violin, Miss Charlotte McDonald; Cello, Miss Emma McDonald; Piano, Miss Kate McDonald.
1. Textile Arts as Constructive Work in Elementary Schools. Miss Clara J. Mitchell, Chicago Institute, Chicago, Ill.
2. Artistic Handicraft in Primary and Intermediate Grades. Miss Helen M. Maxwell, Principal of Schiller School, Minneapolis,

Minn. (Miss Maxwell will illustrate her address with an exhibit of "art-craft" work.)

3. General Discussion.
4. Business: Appointment of Committees.
- Representatives of schools sending exhibits will be at their exhibits, at hours to be announced, to explain them to visitors.
5. Reception, for Art and Manual Training Departments, in the parlors of the First Congregational Church, Wednesday, July 10th, 4:30, Standard.

THURSDAY AFTERNOON, JULY 11.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Vocal Solo, Miss Maude Farrell.

Topic—The Relation of Manual Training to Trade Instruction.

1. Education for the Trades in the United States; What Can Technical High Schools Do For It? Charles F. Warner, Principal of the Mechanic Arts High School, Springfield, Mass.
2. Manual Training in Relation to Trade Schools. Virgil G. Curtis, Superintendent of Toledo Polytechnic School, Toledo, O.
3. Discussion by Charles R. Richards, Professor of Manual Training, Teachers' College, Columbia University, New York City, N. Y.; and Calvin M. Woodward, Director of Manual Training School, Washington University, and President of Board of Education, St. Louis, Mo.
4. General Discussion.
5. Business: Reports of Committees; Election of Officers.

Local Committee—J. H. Trybom, Chairman.

DEPARTMENT OF ART EDUCATION.

Sessions in First Congregational Church.

Miss Bonnie E. Snow, Minneapolis, Minn.....	President
Miss Myra Jones, Detroit, Mich.....	Vice-President
Fred J. Orr, Athens, Ga.....	Secretary

WEDNESDAY AFTERNOON, JULY 10.

2:32, Standard Time; 3 o'clock, Local Time.

Joint session with Department of Manual Training, to be held in First Congregational Church. For program see Department of Manual Training.

Reception for Art and Manual Training Departments in the Parlors of the First Congregational Church, Wednesday, July 10th, 4:30 Standard.

THURSDAY AFTERNOON, JULY 11.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Vocal Solo, Miss Jennie M. Stoddard.

1. President's Address. Miss Bonnie E. Snow, Supervisor of Drawing, public schools, Minneapolis, Minn.
2. The Economic Value of Art Education. Frederick W. Coburn, Secretary of Art Students' League of New York.

3. Rhythm as an Art Principle. Miss Harriette Rice, Supervisor of Drawing, public schools, Providence, R. I.
4. The Study of Fine Art in American Colleges and Universities; Its Relation to the Study in Public Schools. Frank Forrest Frederick, Professor of Art and Design, University of Illinois, Champaign, Ill.
5. Business: Reports of Committees; Election of Officers. Local Committee—Miss Myra Jones, Chairman.

DEPARTMENT OF MUSIC EDUCATION.

Sessions in First Presbyterian Church.

A. J. Gantvoort, Cincinnati, O.....	President
Mrs. Emma A. Thomas, Detroit, Mich.....	Vice-President
H. W. Gray, New York City.....	Secretary

WEDNESDAY AFTERNOON, JULY 10.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Choir First Presbyterian Church—Mrs. Winifred Scripps-Ellis, Mrs. Emma Beyer, Mr. Harold Jarvis, Mr. Samuel Slade.

1. President's Address. A. J. Gantvoort, Assistant Director, College of Music, Cincinnati, O.
2. Rhythm. Miss Maude Summers, Principal of Goethe School, Chicago, Ill.
3. Music Teachers in the Relations to the Schools. Charles Haupert, Superintendent of City Schools, Wooster, O.
4. Round Table Discussion.
5. Business: Appointment of Committees.

THURSDAY AFTERNOON, JULY 11.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Choir Presbyterian Church.

1. The Supervisor Viewed from the Regular Teacher's Stand-point. Miss Nellie G. Petticrew, Piqua, Ohio.
2. Supervisors and Supervision. Walter Aiken, Superintendent of Music, Cincinnati, Ohio.
3. Give the Boys and Girls a Chance. N. Coe Stewart, President Ohio Music Teachers' Association, Cleveland, Ohio.
4. Round Table Discussion.
5. Business: Reports of Committees; Election of Officers.

Local Committee—Mrs. Emma A. Thomas, Chairman.

Reception, Wednesday evening, 8:30 to 11:00 o'clock, at Thomas Normal Training School, 550 Woodward Ave.

DEPARTMENT OF BUSINESS EDUCATION.

Sessions in Business University.

William E. Doggett, Brooklyn, N. Y.....	President
William J. Wheeler, Birmingham, Ala.....	Vice-President
Edward W. Stitt, New York City.....	Secretary

THURSDAY AFTERNOON, JULY 11.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Violin Solo, Miss Leila Farrell.

1. President's Address. William E. Doggett, Assistant Principal Commercial High School, Brooklyn, N. Y.
2. What Constitutes a Business Education? I. O. Crissy, State Inspector of Business Education, Board of Regents, Albany, N. Y.

Discussion—L. L. Williams, President Rochester Business Institute, Rochester, N. Y.; Randolph B. Seymour, head of Commercial Department, High School, Springfield, Ill.; T. W. Bookmeyer, President of Sandusky Business College, Sandusky, O.; and George H. Barbour, Vice-President of Michigan Stove Company, Detroit, Mich.

3. The Education and Training of Commercial Teachers. W. A. Scott, Director of School of Commerce, University of Wisconsin, Madison, Wis.

Discussion—Parke Schoch, Director Department of Commerce and Finance, Drexel Institute, Philadelphia, Pa.

4. Business: Appointment of Committees.

Reception Secondary and Business Departments, Thursday afternoon from 4-6 o'clock, Local Time, at Thomas Normal Training School, 550 Woodward Ave.

FRIDAY AFTERNOON, JULY 12.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Vocal Solo, Miss Maude Farrell.

1. What is the Function of the Public Schools in the Matter of Commercial Teaching? Myron T. Scudder, Principal State Normal School, New Paltz, N. Y.

Discussion by J. C. Benedict, Superintendent of Public Schools, LeRoy, N. Y.; and Henry E. Brown, head of Commercial Department, High School, Rock Island, Ill.

2. Writing in the Grades Below the High School when the Commercial Branches are Taught in the High School. J. F. Barnhart, Supervisor of Writing, public schools, Akron, O.

Discussion by F. S. Musrush, Supervisor of Writing, public schools, Lakewood, O.; and J. H. Bachtenkircher, Supervisor of Writing, Lafayette, Ind.

3. The Phonograph as an Aid in Teaching Shorthand. Theodore F. Lake, Teacher of Phonography, Commercial High School, Brooklyn, N. Y.

4. Business: Reports of Committees; Election of Officers
Local Committee—Templeton P. Twiggs, Chairman.

DEPARTMENT OF PHYSICAL EDUCATION.

Sessions in Light Guard Armory.

W. O. Krohn, Chicago, Ill. President
Miss Rebecca Stonerod, Washington, D. C. Vice-President

Miss Mabel Pray, Toledo, O. Secretary
Reception, Tuesday, July 9th, 2:30 to 5:30 o'clock, Standard, at
the Detroit Boat Club, Belle Isle. Conveyances—Ferry Boat,
foot of Woodward Ave., to Island, or Jefferson cars to the
bridge; Park Wagons to Boat House.

WEDNESDAY AFTERNOON, JULY 10.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Under direction of Mr. Pease.

1. President's Address. Dr. Wm. O. Krohn, Chicago, Ill.
2. Physical Training and the American Teacher. Hans Ballin,
Supervisor of Physical Training, Little Rock, Ark.
Discussion.
3. Business: Appointment of Committees.

THURSDAY AFTERNOON, JULY 11.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Under direction Mr. Pease.

1. Business: Reports of Committees; Election of Officers.
2. Paper by Mr. Robert Nix, representing North American Turnerbund, Indianapolis, Ind.
Discussion.
3. Paper (to be supplied).
Discussion
4. Exhibition and Illustrative Exercises by Turner Societies of Detroit.

Local Committee—Miss Charlotte Carne, Chairman.

EXHIBIT OF SCIENCE WORK BY DETROIT HIGH SCHOOLS.

WEDNESDAY, JULY 10.

2 P. M., Standard Time; 2:28 Local.

The sciences taught in the High Schools are Physiography, Botany, Zoology, Physiology, Chemistry and Physics. Any information concerning courses, exhibit of work, etc., may be had at the local committee room, the Physics Lecture Room, 117 Central High School Building. This room will be open daily for the social convenience of science teachers. Members of the class in Phonography will be present and write letters from dictation.

It is the purpose of the local committee to show as much as possible of the laboratory and class work in the sciences. Experiments will be set up and in operation in the Central High School Building at the above hour. These are, in each subject as follows:

Physics, Rooms 11 to 19, Basement. This will be an exhibit of about 40 physical laboratory exercises in operation by pupils. It is intended to include experiments sufficient in number and variety to constitute a course in Physics covering one year.

Chemistry, Rooms 3 and 9, Basement. The experiments have been grouped under some thirty topics. While the experiments do

not involve difficult quantitative determinations, it is hoped that the simple volumetric and gravimetric measurements may prove interesting and suggestive. Special attention is called to experiments 7, 8, 16, 17 and 22, as given in the circular to be found in the laboratory. The tabulated results show what may be expected from an average laboratory section.

Physiology, Room 217, Second Floor. Some of the following experiments performed by High School students may be seen: Cultures of bacteria; sources of carbon dioxide; testing for food-stuffs; digestion; osmose; respiration.

Zoology, Room 218, Second Floor. Note-books, student-work, and apparatus for the course will be on exhibition.

Botany, Rooms 212, 217, 218, Second Floor. As far as possible, experiments (about 25) will be set up, illustrating plant activities. Some students will be on hand to show experiments, work, and appliances.

Physiography, Room 313, Third Floor. Field excursions are offered, but are not yet compulsory. Laboratory work is done on plot charts, coast charts, topographic maps, relief maps, physical maps, colored photographs, geological specimens and Harvard models. Some of these will be on exhibition.

The science laboratories of the Western High School will be open for inspection Thursday morning, July 11, at 10 a. m. Physics, Rooms 108-110; Chemistry, Rooms 2 and 3; Botany, Rooms 209 and 211; Physiography, 207. Here also may be seen experimental work and apparatus.

The Eastern High School is in transition to its new building and its laboratories will not be open.

DEPARTMENT OF SCIENCE INSTRUCTION.

Sessions in Central High School, Room No. III.

N. A. Harvey, Chicago, Ill.....	President
Charles B. Wilson, Westfield, Mass.....	Vice-President
Charles N. Cobb, Albany, N. Y.....	Secretary

THURSDAY AFTERNOON, JULY 11.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Violin Solo, Miss Marian Hobbs.

1. President's Address. A Plea for the Study of Educational Philosophy by Teachers of Science. N. A. Harvey, head of Department of Science, Chicago Normal School.
2. What Science Teachers can do to Increase the Estimation in which Scientific Studies are Held. W. S. Blatchley, State Geologist, Indianapolis, Ind.
3. The Status of Science Instruction in the Secondary Schools of the State of New York. L. Dwight Arms, Inspector of Secondary Schools for the University of the State of New York, Albany, N. Y.
4. Business: Appointment of Committees.

Reception for Higher, Normal and Science Departments, Thursday evening, July 11th, from 8:30 to 11:00, Local Time, at Thomas Normal Training School, 550 Woodward Ave.

FRIDAY AFTERNOON, JULY 12.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Miss Grace Burt.

1. Agriculture as a Science for the Elementary Schools. Joseph Carter, Superintendent of City Schools, Champaign, Ill.
2. The Relation of Physical Geography to Other Scientific Subjects. W. H. Norton, Professor of Geology, Cornell College, Mt. Vernon, Ia.
3. Science as a College Entrance Requirement. C. W. Dabney, President of the University of Tennessee, Knoxville, Tenn.
4. Business: Reports of Committees; Election of Officers.
The fullest opportunity that time will permit will be given for free discussion.
The Local Committee has arranged for an exhibit of the science work of the Detroit High Schools on Wednesday, July 10, at 2:00 p. m., Standard Time.
Local Committee—Lewis Murbach, Chairman.

DEPARTMENT OF SCHOOL ADMINISTRATION.

Sessions in Central High School, Room 130.

W. S. Ellis, Anderson, Ind.....	President
Israel H. Peres, Memphis, Tenn.....	Vice-President
William George Bruce, Milwaukee, Wis.....	Secretary

WEDNESDAY AFTERNOON, JULY 10.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Vocal Solo, Miss Esther St. John.

1. Address of Welcome. Hon. Edward F. Marschner, President of the Board of Education, Detroit, Mich.
2. President's Address. Hon. W. S. Ellis, President Board of Education, Anderson, Ind.
3. Centralization of Rural Schools. Hon. L. D. Bonebrake, State School Commissioner of Ohio, Columbus, O.
4. School Room Temperature and Humidity. Wm. George Bruce, editor of the *American School Board Journal*, Milwaukee, Wis.
5. Relation of State Legislation to Modern School Building. C. H. Parsons, Des Moines, Ia.
6. Business: Appointment of Committees.
Reception, Boat Ride and Dinner at Bois Blanc Island will be given to the members of the department of School Administration, Thursday, July 11th, at 10:00 a. m.

THURSDAY AFTERNOON, JULY 11.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Vocal Solo, Miss Grace Burt.

1. The Value of Truant Schools. Josephine Ahnefeldt Goss, Member of Board of Education, Grand Rapids, Mich.
2. Elective or Appointive School Boards? Hon. Graham H. Harris, President of Board of Education, Chicago, Ill.
3. What Constitutes an Efficient Superintendent? Israel H. Peres, Member of Board of Education, Memphis, Tenn.
4. Business: Reports of Committees, Election of Officers.

Local Committee—The Board of Education.

LIBRARY DEPARTMENT.

Sessions in Central M. E. Church Chapel.

Robert C. Metcalf, Boston, Mass.....President
Jerome H. Raymond, Morgantown, W. Va.....Vice-President
Miss Mary Eileen Ahern, Chicago, Ill.....Secretary

THURSDAY AFTERNOON, JULY 11.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Vocal Solo, Miss Edythe Lott.

1. President's Address, Library Problems. R. C. Metcalf, Supervisor of Schools, Boston, Mass.
2. The Public Libraries and the Public Schools. James H. Canfield, Librarian of Columbia University, New York City.
3. The Library and the School in the South. G. F. Boyd, President State Teachers' Association, Mississippi.
4. What the Normal Schools Can Do for Teachers on the Library Side—
 - (a) Miss Irene Warren, Librarian, School of Education, University of Chicago, Chicago, Ill.
 - (b) Miss Ange V. Milner, Librarian, State Normal University, Normal, Ill.
5. Business: Appointment of Committees.

FRIDAY AFTERNOON, JULY 12.

2:32, Standard Time; 3 o'clock, Local Time.

Music—Vocal Solo, Miss Meta Goebel.

1. How Shall Children Be Led to Love Good Books. Miss Isabel Lawrence, Training Teacher, State Normal School, St. Cloud, Minn.
2. The Place of the Library in Education. Melvil Dewey, Director, New York State Library.
3. The Library and School as Co-ordinate Forces in Education. Livingstone McCartney, Superintendent of Public Schools, Hopkinsville, Ky.
4. Addresses by Representatives of the American Library Association.
5. Business: Reports of Committees, Election of Officers.

Reception, Friday, July 12th, 5:00 to 6:00, Local Time, at the residence of Mr. James E. Scripps, 598 Trumbull Ave.
Local Committee—Henry M. Utley, Chairman.

DEPARTMENT OF EDUCATION FOR DEAF, BLIND
AND FEEBLE-MINDED.

Sessions in Woodward Avenue Congregational Church.
Miss Mary McCowen, Chicago, Ill.....President
E. R. Johnstone, Vineland, N. J.....Vice-President
E. A. Gruver, New York City.....Secretary

WEDNESDAY AFTERNOON, JULY 10.

Music—Woodward Avenue Congregational Church Choir.

1. Address of Welcome. W. C. Martindale, Superintendent Public Schools, Detroit, Mich.
2. President's Address. Mary McCowen, Supervising Principal Chicago Day Schools for the Deaf.
3. The State in Its Relation to the Defective Child. Dr. Francis Burke Brandt, Professor of Pedagogy, Central High School, Philadelphia, Pa.
4. Illustrations of Work by Pupils of the Detroit Day Schools for the Deaf, Miss Elizabeth Van Adestine, Principal, and of the Grand Rapids Day Schools for the Deaf, Miss Margaret Sullivan, Principal.
5. The Day School Law. Hon. S. Wesselius, Grand Rapids, Mich. Discussion by E. E. Allen, Superintendent School for the Blind, Overbrook, Pa.; E. R. Johnstone, Superintendent School for Feeble-Minded, Vineland, N. J.; J. O. Foshay, Superintendent of Schools, Los Angeles, Cal.

Business Meeting.

An informal reception will be given by the Department, assisted by the Detroit Association of Parents and Friends of Deaf Children, on Wednesday evening, July 10, at the parlors of the Woodward Avenue Congregational Church.

FRIDAY AFTERNOON, JULY 12.

Music—Woodward Avenue Congregational Church Choir.

1. Sensory and Motor Defects in Chicago School Children. Dr. D. P. MacMillan, Department of Child Study, Chicago Public Schools.
2. The Lesson to be Learned by the General Teacher From Experience in Teaching Arithmetic to the Blind. Superintendent Frank M. Hall, Institute for the Blind, Jacksonville, Ill.
3. Thought Expression Through Speech, Rhythm and Blackboard Drawing by Pupils from the McCowen Oral School for Young Deaf Children, Chicago, Ill., Cornelius D. Birmingham, Head Teacher.
4. The Special Work of Teaching the Blind. Superintendent, Gardner Fuller, State School for the Blind, Batavia, N. Y.

5. The School as a Social Center. Cora Stanton Brown, Chairman Educational Department Illinois Mothers' Congress; present address, Indianapolis, Ind. Discussion by F. W. Booth, Editor Association Review, Philadelphia, Pa.

Round Table—Mrs. Marguerite Beaubien, Detroit, Mich. Department Headquarters, Parlor "6," Hotel Cadillac.

Exhibit of Class Work, with Deaf Pupils, Wednesday, Thursday and Friday forenoons at Central High School Building, where exhibits of work done by pupils will be placed.

Tests of hearing with Aukophone daily at Woodward Congregational Church.

Local Committee—Miss Elizabeth Van Adestine, Chairman.

DEPARTMENT OF INDIAN EDUCATION.

Sessions in Central M. E. Church.

H. B. Frissell, Hampton, Va. President
Miss Estelle Reel, Washington, D. C. Vice-President
F. F. Avery, Miles, Wash. Secretary
Morning, afternoon and evening sessions will be presided over by Inspectors, Supervisors, Agents, and Superintendents who may be present at the respective meetings. Discussions at all sessions of the Department will be upon topics furnished by prominent Indian workers in the United States, who will suggest the needs of their respective localities.

MONDAY MORNING, JULY 8.

9 o'clock, Standard Time; 9:28 Local Time.

Prayer—

Music—Duet—Miss Meta Gobel, Miss Edythe Lott.

1. Addresses of Welcome.

Hon. W. C. Maybury, Mayor of Detroit, Michigan.

Hon. Delos Fall, State Superintendent of Public Instruction, Lansing, Mich.

Wales C. Martindale, Superintendent of Schools, Detroit.

Hon. Jason E. Hammond, ex-State Superintendent of Public Instruction.

Hon. Ed. F. Marschner, President of Board of Education, Detroit.

Music—Vocal Solo—Miss Edythe Lott.

2. Responses—

Hon. W. A. Jones, Commissioner of Indian Affairs, Washington, D. C.

W. M. Beardshear, President of College of Agriculture and Mechanic Arts, Ames, Ia.

Col. R. H. Pratt, Superintendent Carlisle Indian School, Carlisle, Penn.

Music—Vocal Solo, Mrs. W. J. Conner.

H. B. Frissell, Principal Hampton Normal and Agricultural Institute, Hampton, Va.

E. C. Nardin, Superintendent of Mt. Pleasant Indian School, Mich.
H. B. Peairs, Superintendent of Haskell Institute, Lawrence, Kans.
S. M. McCowan, Superintendent of Indian School, Phoenix, Ariz.
Miss Estelle Reel, Superintendent of Indian Schools, Washington, D. C.
Music—Organ Solo—Mr. Pomeroy.

MONDAY AFTERNOON, JULY 8.

2 o'clock, Standard Time; 2:28, Local Time.

Music—Central M. E. Church Chorus.

1. President's Address—

“Learning by Doing.” President H. B. Frissell, Hampton Normal and Agricultural Institute, Hampton, Va.

2. Address. Hon. Chas. R. Skinner, State Superintendent of Public Instruction, Albany, N. Y.

3. Address. N. C. Dougherty, Superintendent of Schools, Peoria, Ill.

4. What Constitutes Eligibility for Enrollment in a Government School?

Discussion, led by Superintendent H. B. Peairs, Haskell Institute, Lawrence, Kans., and Superintendent Wm. H. Winslow, Indian School, Genoa, Neb.

5. How Can We Secure the Systematic Transfer of Pupils from Day to Reservation Schools and from Reservation to Non-Reservation Schools?

Discussion, led by Superintendent J. C. Hart, Indian School, Oneida, Wis.; Superintendent Ralph P. Collins, Indian School, Albuquerque, N. M.; Superintendent Thos. W. Potter, Salem Indian School, Chemawa, Ore.

6. The Essentials of Indian Education. Miss Flora E. Harvey, Principal of Indian School, Phoenix, Ariz., and Superintendent T. C. Lemmon, Indian School, Grand Junction, Colo.

7. Character Building Through Housekeeping.

(a) Miss Bertha A. Macey, Matron, Indian School, Oneida, Wis.

(b) Mrs. Thos. H. Breen, Matron, Indian School, Ft. Lewis, Colo.

8. Course of Study.

(a) Miss Lydia E. Kaup, Mt. Pleasant, Mich.

(b) Mrs. Lillie McCoy, Washington, D. C.

9. Better Facilities for Industrial Training and Competent Teachers Needed.

Discussion, led by Supervisor A. O. Wright; Superintendent DeWitt Harris, Pipestone, Minn.; and Superintendent L. M. Compton, Tomah, Wis.

10. The Advisability of More All-Around Training for the Indian Rather Than an Attempt to Make of Him a Skilled Mechanic.

Discussion, led by Professor Frank K. Rogers, Hampton Institute, Va.; Superintendent DeWitt Harris, Pipestone, Minn.; and Superintendent J. C. Hart, Oneida, Wis.

11. Physicians' Conference.

Leader, Dr. J. G. Bulloch, Indian School, Cherokee, N. C.

12. How Can the Government Best End the Supervision of the Indian and His Property? Col. R. H. Pratt, Superintendent of Indian School, Carlisle, Pa.

Reception, Monday afternoon, July 8th, 4 to 6 o'clock, Local Time, at Central M. E. Church.

TUESDAY MORNING, JULY 9.

9 o'clock, Standard Time; 9:28, Local Time.

Prayer.

Music—Organ Solo, Mr. Pomeroy.

1. Opening Address. Dr. A. E. Winship, Editor of the *Journal of Education*, Boston, Mass.

2. Address. Hon. H. C. Smith, M. C., Adrian, Mich.

3. The Necessity for Better Agricultural Training.

Discussion, led by Superintendent W. H. Johnson, Morris, Minn.; and Superintendent E. A. Allen, Seneca Indian School, Wyandotte, I. T.

4. The Need of Compulsory Education.

Discussion, led by Superintendent George W. Nellis, Sac & Fox, Iowa; Superintendent H. B. Peairs, Haskell Institute, Kans.; and Superintendent E. C. Nardin, Indian School, Mt. Pleasant, Mich.

5. How Best to Provide for the Gradual Abolition of the Reservation and Ration System.

Discussion, by Agent John H. Sunderland, White Earth Agency, Minn.; Agent William A. Mercer, Leech Lake Agency, Minn.; Superintendent R. H. Pratt, Carlisle, Pa.; and Superintendent John Flinn, Chamberlain, S. D.

6. Paper: Introspection. Superintendent E. A. Allen, Seneca Indian School, Wyandotte, I. T.

Music—Vocal Solo, Miss Edythe B. Lott.

7. Course of Study (continued). Mrs. Lillie McCoy, Washington, D. C.

8. *Resolved*, That the reservation day school should be made the prime factor in Indian education.

Discussion, led by Agent F. O. Getchell, Ft. Totten Agency, N. D.; Charles O. Koonz, teacher, Green Bay Agency, Wis.; J. B. Brown, Superintendent, Indian School, Oglala, S. D.; C. C. Covey, Teacher, Indian School, Pine Ridge, S. D.; E. C. Scovel, Teacher, Cass Lake Boarding School, Minn.

9. *Resolved*, That children should at least be able to read, write, and speak the English language before being placed in a non-reservation school.

Discussion, led by Superintendent Charles F. Pierce, Flandreau Indian School, S. D.; Superintendent F. C. Camp-

bell, Ft. Shaw Indian School, Mont.; and Superintendent Thos. W. Potter, Indian School, Chemawa, Ore.

10. Paper: (Subject to be supplied). Superintendent Harwood Hall, Perris, Cal.
11. Paper: (Subject to be supplied). Miss Augusta Hultman, Superintendent, Grace Indian School, S. D.
12. What to Do in the Night School.
Discussion by T. C. Lemmon, Superintendent of Indian School, Grand Junction, Colo.; and J. B. Brown, Superintendent of Indian School, Oglala, S. D.

WEDNESDAY MORNING, JULY 10.

9 o'clock, Standard Time; 9:28, Local Time.

Prayer.

Music—Cornet Solo, Dr. C. E. Burt.

1. Opening Address. Professor C. M. Woodward, Director of St. Louis Manual Training School, Washington University, St. Louis, Mo.
2. The Outing System. A. J. Standing, Assistant Superintendent of Indian School, Carlisle, Pa.
3. The Necessity of Teaching the Boy to Improve the Allotment the Government Has Given Him.
Discussion, led by Superintendent F. F. Avery, Fort Spokane, Wash.; Superintendent S. M. McCowan, Phoenix, Ariz.; Superintendent Russell Ratliff, Omaha and Winnebago Agency, Nebr.; and Superintendent L. M. Compton, Tomah, Wis.
4. Course of Study (continued). Mrs. Lillie McCoy, Washington, D. C.
5. Papers:
 - (a) Domestic Science, Mrs. S. M. McCowan, Matron, Indian School, Phoenix, Ariz.
 - (b) Teaching the Indian Girl to Make Her Own Clothes. Mrs. Adaline O'Brien Evans, Teacher, Indian School, Chilocco, Okla.
6. Why Should the Government Educate Mixed Bloods Whose Parents Are Abundantly Able to Pay for Their Education? Col. R. H. Pratt, Carlisle, Pa.

Music—Vocal Solo—Mrs. W. J. Conner.

7. What system will best promote character building among the Indian pupils and the courage and ability to enter and contend in the opportunities of civilized life? Miss Cora M. Folsom, Hampton Institute, Va.
8. How can full and continuous attendance be obtained where the land is allotted and the people are citizens?
Discussion, led by Superintendent E. A. Allen, Seneca Indian School, Wyandotte, I. T.
9. Abolish the position of agent and place the school superintendent in charge of the reservation. Dr. Thomas H. Breen, superintendent of Indian School, Fort Lewis, Colo.

10. How can we secure a better unification of industrial and academic features in Indian schools?
Discussion, led by Professor O. H. Bakeless, Indian School, Carlisle, Pa.
11. The Indian employee: what are his needs and the best means of stimulating his growth and self-improvement.
Discussion, led by Superintendent C. J. Crandall, Indian School, Santa Fe, N. M.

THURSDAY AFTERNOON, JULY 11.

2:32, *Standard Time; 3 o'clock, Local Time.*
Music—Central M. E. Church Mixed Quartette.

1. Opening Address. Hon. W. T. Harris, U. S. Commissioner of Education, Washington, D. C.
2. The necessity for a large agricultural school in the Indian service.
Discussion, led by Superintendent C. W. Goodman, Chilocco Indian School, Okla.
3. Reading, Language and Nature Study. Mrs. Manie B. Cone, Principal Teacher, Indian School, Grand Junction, Colo.
4. Practical Methods in Indian Education.
Discussion, led by Superintendent S. M. McCowan, Phoenix, Ariz.; and Mr. Joseph E. Evard, Teacher in Indian School, Chilocco, Okla.
5. Paper: Nursing. Miss Mary E. Fallon, Osage Indian School, Okla.
6. The Day School as the Gradual Uplifter of the Tribe. Sister Macaria Murphy, Odanah Day School, La Pointe Agency, Wis.
7. The Slow but Lasting Results Obtained From Practical Teaching at Day Schools.
 - (a) Mr. M. M. Murphy, Kingman Day School, Arizona.
 - (b) Miss Mary Christine, Baraga Day School, Mackinac Agency, Mich.
8. The Future of the Pueblos. Miss Mary E. Dissette, Supervising Teacher, Day Schools, Santa Fe, N. Mex.
9. How Many Years Can Profitably be Spent at a Day School?
Discussion, led by Superintendent Walter J. Wicks, Green Bay Agency, Wis.; and Superintendent Reuben Perry, Lac Du Flambeau School, Wis.
10. Closing addresses:
Col. R. H. Pratt, Carlisle Indian School, Pa.
Superintendent H. B. Peairs, Haskell Institute, Kans.
Superintendent S. M. McCowan, Phoenix Indian School, Ariz.
Superintendent J. C. Hart, Oneida Indian School, Wis.
Dr. H. B. Frissell, Principal of Hampton Institute, Va.
Superintendent E. A. Allen, Seneca Indian School, Wyandotte, I. T.

Miss Estelle Reel, Superintendent of Indian Schools, Washington, D. C.

Tuesday, Wednesday, Thursday and Friday afternoons and evenings teachers of Indian Schools are expected to attend the general and department sessions of the Association.

Local Committee—Miss Anna M. Joyce, Chairman.

ATTENTION—To avoid getting left on boats and cars, members of the N. E. A. are advised to set their watches by the City Hall clock, which is Local (or City) Time—28 minutes faster than Central Standard Time, consequently by keeping City Time no one will get left.

STEAMBOAT TIME CARDS.

Central Standard Time only.

Ashley & Dustin Line—Foot of First street.

To Put-in-Bay and Sandusky.

Leave Detroit week days, 8 a. m.

Leave Detroit Sundays, 9 a. m.

To Grosse Ile, Amherstburg and Sugar Island.

Leave Detroit every day except Saturday and Sunday, 9 a. m. and 3:30 p. m.

Saturday and Sunday afternoon boats leave 2:30.

D. & C. Line—Foot of Wayne street.

For Cleveland daily at 9:30 a. m. and 10:30 p. m.

For Mackinac, the "Soo," Alpena, Petoskey, Chicago, and way ports at 5:00 p. m. Mondays and Saturdays; 9:30 a. m. Wednesdays and Fridays.

Detroit, Belle Isle & Windsor Ferry Co.

For Belle Isle every 15 minutes.

For Windsor, Canada, every 10 minutes.

For Bois Blanc Park and Amherstburg, 8:30 a. m. and 3 p. m.

White Star Line.

For Port Huron, the "Flats," and way ports, week days 8:30 a. m. and 2:30 p. m. Sundays, 9 a. m. and 2:30 p. m.

For St. Clair Flats only, 3:30 p. m. daily, except Sundays.

INTERURBAN ELECTRIC RY. TIME CARDS.

Detroit City (Local) Time only.

Leave from City Hall, Woodward Avenue.

For Ann Arbor, Ypsilanti, Wayne and Dearborn, every half hour from 6:30 a. m. to 9 p. m.; then 10 and 11:15 p. m. 45 minutes to Dearborn; 1 hour 15 minutes to Wayne; 1 hour 45 minutes to Ypsilanti; 2 hours 15 minutes to Ann Arbor.

For Royal Oak, Birmingham and Pontiac, every half hour from 7 a. m. to 7 p. m.; then hourly until 11 p. m.

For Rochester, Romeo, Lake Orion, Oxford and Flint, hourly from 6:45 a. m. until 9:45 p. m.; then 11 p. m.

For River Rouge, Ecorse, Wyandotte and Trenton, every half hour from 6:33 a. m. until 10:33 p. m.; then 11:33 p. m.

For Mt. Clemens, New Baltimore, Algonac, Marine City, St. Clair

and Port Huron, hourly from 7:05 a. m. until 8:05 p. m.; 9:05 p. m. to Marine City; 10:05 and 11:05 p. m. to Mt. Clemens only. For Mt. Clemens only, every hour, from 7:35 a. m. until 8:35 p. m. For Orchard Lake, Farmington, Northville and Pontiac, every hour from 6:15 a. m. until 11:15 p. m.; half hourly cars will be run Saturday and Sunday and whenever occasion demands.

OFFICERS FOR 1900-1901.

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James M. Green, President.....	Trenton, N. J.
Irwin Shepard, Secretary.....	Winona, Minn.
Lewis C. Greenlee, Treasurer.....	Denver, Colo.

Vice-Presidents.

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J. A. Foshay, Los Angeles, Cal.	O. H. Cooper, Waco, Tex.
H. P. Archer, Charleston, S. C.	Wm. M. Davidson, Topeka, Kan.
H. B. Brown, Valparaiso, Ind.	R. B. Fulton, University, Miss.
Francis W. Parker, Chicago, Ill.	Gertrude Edmund, Lowell, Mass.
L. W. Buchholz, Tampa, Fla.	H. E. Kratz, Sioux City, Ia.

Board of Trustees.

Albert G. Lane, Chairman.....	Chicago, Ill.
Nicholas Murray Butler, Secretary.....	New York, N. Y.
F. Louis Soldan, St. Louis, Mo.....	Term expires July, 1901
Nicholas Murray Butler, New York, N. Y.	Term expires July, 1902
Albert G. Lane, Chicago, Ill.....	Term expires July, 1903
Newton C. Dougherty, Peoria, Ill.....	Term expires July, 1903
James M. Green, Trenton, N. J.....	Ex officio

Executive Committee.

James M. Green, President.....	Trenton, N. J.
Oscar T. Corson, First Vice-President.....	Columbus, O.
Lewis C. Greenlee, Treasurer.....	Denver, Colo.
Albert G. Lane, Chairman Board of Trustees.....	Chicago, Ill.
Wm. T. Harris, Member by Election.....	Washington, D. C.
Irwin Shepard, Secretary	Winona, Minn.

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Thomas W. Bicknell	Providence, R. I.
Board of Education	Nashville, Tenn.
Nicholas Murray Butler	New York, N. Y.
James H. Canfield	New York, N. Y.
E. H. Cook	Yonkers, N. Y.
Oscar T. Corson	Columbus, O.
Newton C. Dougherty	Peoria, Ill.
George T. Fairchild	Berea, Ky.
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Aaron Gove	Denver, Colo.
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J. M. Greenwood	Kansas City, Mo.
Wm. T. Harris	Washington, D. C.
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A. V. Jewett	Abilene, Kans.
Albert G. Lane	Chicago, Ill.
E. Oram Lyte	Millersville, Pa.
Albert P. Marble	New York, N. Y.
T. Marcellus Marshall	Glenville, W. Va.
Charles I. Parker	South Chicago, Ill.
W. F. Phelps	Duluth, Minn.
Josiah L. Pickard	Brunswick, Me.
Joshua Pike	Jerseyville, Ill.
Charles R. Skinner	Albany, N. Y.
F. Louis Soldan	St. Louis, Mo.
C. C. Stratton	University Park, Ore.
A. R. Taylor	Emporia, Kans.
Teachers' Institute	Philadelphia, Pa.
Charles G. White	Lake Linden, Mich.
E. E. White	Columbus, Ohio
J. Ormond Wilson	Washington, D. C.

LOCAL ORGANIZATION AT DETROIT.

GENERAL COMMITTEE.

James E. Scripps, Chairman.	George H. Russel, Treasurer.	Oliver G. Frederick, Executive Secretary.
Hon. W. C. Maybury, Mayor.	Ed. F. Marschner, President of Board of Education.	
Committee on Finance—Wales C. Martindale.		
Committee on Reception—Daniel J. Campau, Chairman.		
Committee on Entertainment—A. A. Schantz, Chairman.		

EXECUTIVE COMMITTEE.

Oliver G. Frederick, Chairman and Executive Secretary.	
George E. Parker,	Helen W. McKerrow,
Katherine M. Gartner,	William A. Morse,
Charles F. Adams,	Elizabeth Courville,
Clara B. Reekie,	Fannie E. Boston,
	Wm. Avery Brush.
Committee on Information—W. F. Lyon, Chairman.	
Committee on State Headquarters—B. A. Nolan, Chairman.	
Committee on Educational Exhibits—Fred. W. Moe, Chairman.	
Committee on Printing and Publicity—F. W. Latham, Chairman.	
Committee on Accommodations—C. F. Daniels, Chairman.	
Committee on Halls and Places of Meeting—Maud A. Priest.	

DEPARTMENT COMMITTEES.

The National Council—Pres. James B. Angell, Chairman.
Kindergarten Education—Clara W. Mingins, Chairman.
Elementary Education—Isabel F. Thirkell, Chairman.
Secondary Education—James H. Beazell, Chairman.
Higher Education—Clark B. Hall, Chairman.
Normal Schools—Regenia R. Heller, Chairman.
Art Education—Myra Jones, Chairman.

Music—Emma A. Thomas, Chairman.
Manual Training—J. H. Trybom, Chairman.
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Physical Education—Charlotte Carne, Chairman.
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School Administration—Board of Education.
Library—Henry M. Utley, Chairman.
Education of D. B. & F. M.—Elizabeth Van Adestine, Chairman.
Indian Education—Anna M. Joyce, Chairman.
Superintendence—Supt. Wales C. Martindale, Chairman.

LIST OF EXECUTIVE, STATE AND DEPARTMENT HEAD- QUARTERS.

National Executive Committee Headquarters—Banquet Room,
Hotel Cadillac.
Registration Headquarters—No. 82 Woodward Avenue, near Jef-
ferson.
Michigan and Detroit Headquarters—Parlor floor Lobby, Hotel
Cadillac.
New York State Headquarters—Parlor A, Hotel Cadillac.
Illinois State Headquarters—Parlor D, Hotel Cadillac.
Chicago Teachers' Federation Headquarters—Parlor E, Hotel
Cadillac.
Colorado State Headquarters—Parlor F, Hotel Cadillac.
New Jersey State Headquarters—Parlor G, Hotel Cadillac.
Missouri State Headquarters—Parlor H, Hotel Cadillac.
Nebraska State Headquarters—Parlor I, Hotel Cadillac.
Ohio State Headquarters—Parlor J, Hotel Cadillac.
Indiana State Headquarters—Parlor K, Hotel Cadillac.
North and South Dakota State Headquarters—Parlor L, Hotel
Cadillac.
Georgia State Headquarters—Parlor M, Hotel Cadillac.
Pennsylvania State Headquarters—Parlor O, Hotel Cadillac.
Iowa State Headquarters—Parlor 2, Hotel Cadillac.
Massachusetts State Headquarters—Parlor 4, Hotel Cadillac.
Minnesota State Headquarters—Parlor 10, Hotel Cadillac.
Kansas State Headquarters—Parlor 12, Hotel Cadillac.
Wisconsin State Headquarters—Parlor 14, Hotel Cadillac.
Department of Indian Education—Writing Room, Hotel Cadillac.
Department of Deaf, Blind and Feeble-Minded—Parlor 6, Hotel
Cadillac.
Kentucky State Headquarters—Hotel Normandie.

ANNOUNCEMENTS.

The annual meeting of the Board of Directors will be held at
11:30 a. m. (Standard Time), Tuesday, July 9th, at Temple Beth El.
In accordance with By-Law No. 1 meetings of the active mem-
bers present from each state will be held at their respective state

headquarters or at such other places as may be announced to select nominees for the general nominating committee.

All members are requested to register and secure admission badges promptly on arrival in the city. The registration department will be located at 82 Woodward avenue, near Jefferson avenue.

A Parents' Conference will be held on the afternoon of Friday, July 12th, at the Woodward Avenue Baptist Church, under the auspices of the Department of Kindergarten Education.

An exhibit of the science work of the Detroit High Schools will be given on Wednesday, July 10th, at 2:00 p. m. (Standard Time) at Central High School.

An exhibit of class work with deaf pupils will be given at the Central High School Building, Rooms 309, 313, 317, 319, on the forenoons of Wednesday, July 10th, Thursday, July 11th, and Friday, July 12th. Tests of hearing, with the Aukophone, will be given daily at the Woodward Avenue Congregational Church. An informal reception of the department will be held at the department headquarters, Parlor 6, Hotel Cadillac, at 7 o'clock (Standard Time), Friday evening, July 12th.

An exhibit of the work of Indian schools will be open to visitors from July 8th to 12th, under the auspices of the Department of Indian Education, in the writing room (office floor), Hotel Cadillac.

Extensive exhibits of school work and of school appliances will be open to visitors in the corridors and adjoining rooms of the Central High School from July 8th to July 12th.

By the courtesy of Messrs. Wyckoff, Seamans & Benedict, proprietors of the Remington Typewriter, gratuitous typewriter service will be extended to members at the Executive Committee Headquarters, Hotel Cadillac, and elsewhere as may be announced, from July 8th to July 12th.

Admission to all meetings, both general and department sessions, will be confined to active and associate members and such others as hold admission tickets. At the general sessions in the Light Guard Armory Hall admission on badges and tickets will be strictly observed until the hour of opening the session. The doors will then be thrown open to the general public, if any seats remain unoccupied.

The first 2,000 seats on the floor of the Light Guard Armory will be reserved for the active members of the Association at all general sessions until five minutes before the hour of opening.

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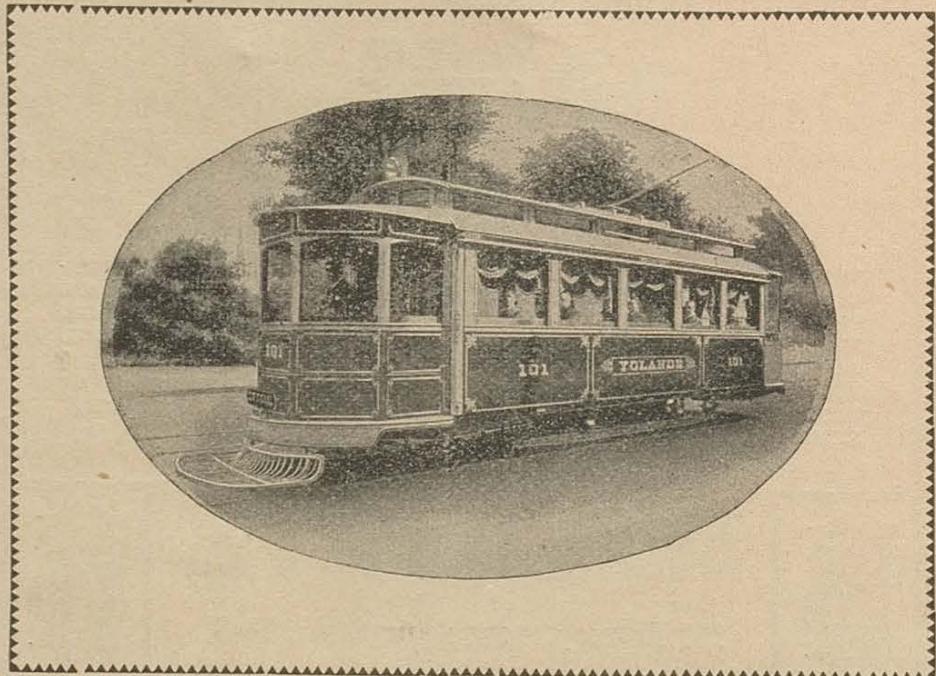
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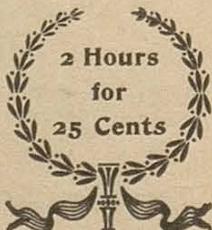
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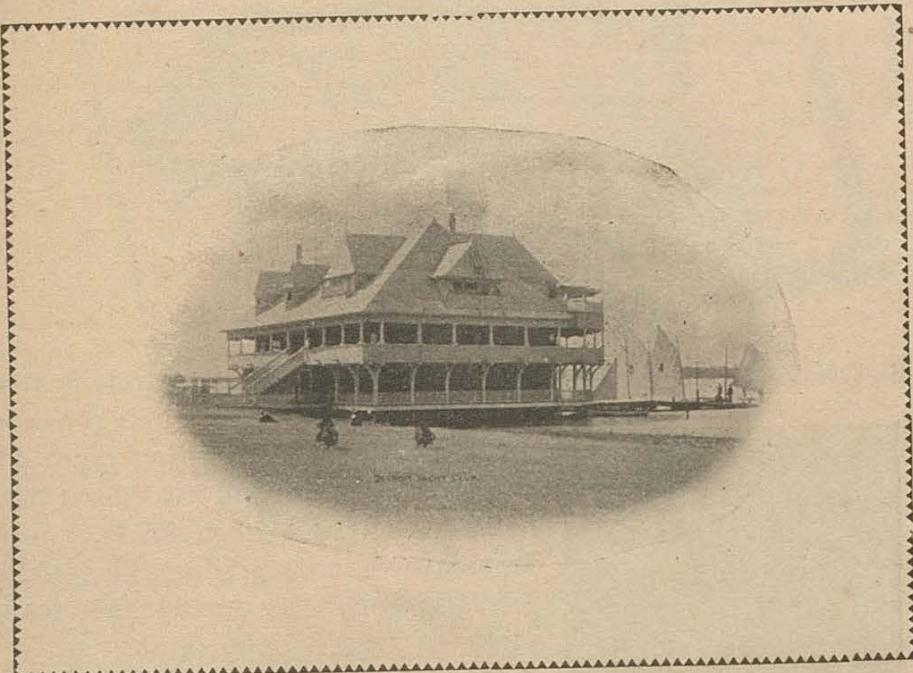


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ASUGGESTION TO MEMBERS OF THE N. E. A.—A favorite plan of taking in some of the beauty spots of Detroit, is to board a north bound Woodward Avenue car, marked "Log Cabin," proceed out one of the finest residence streets in the world, to Palmer Park (or Log Cabin)—a restful spot of rare interest.



Returning, ask for transfer to the Fort St. line, changing cars at the City Hall, passing the postoffice and Union Depot, finally reaching Uncle Sam's famous Fort Wayne—a half hour may be profitably spent here. Board a city bound car, ask for transfer to Jefferson Avenue line, changing again at the City Hall on Woodward, (south bound car), remain on car, passing the Boulevard and Belle Isle Bridge, until Water Works Park is reached. This is one of the city's most charming retreats, with its famous Hurlburt Memorial Gate, its wonderful Floral Clock, with dial all in growing flowers, keeping correct time, the great Reservoir, and last, but not least, the huge, throbbing engines that pump water for this great city. Return by same line to point of starting. Total cost, 20c.

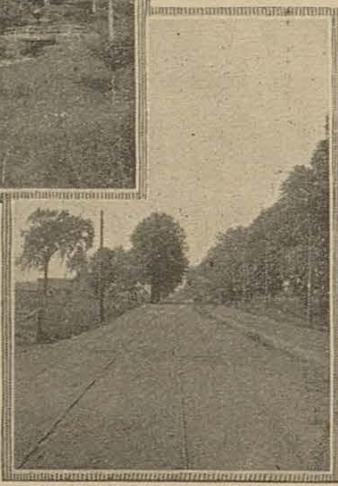
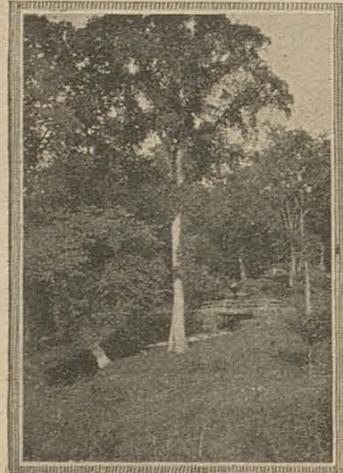
DETROIT is equally as fortunate in the beauty of its environment as in that of the city itself. By means of the various divisions of the Detroit United Railway the traveler is put in close touch with the grandeur of nature in the rolling hills, up and down which the great easy riding suburban cars go with unabated speed, producing that exquisite feeling of



exhilaration and elation, which causes one to feel that one is thankful to be alive to enjoy such sensations: around the many charming lakes, along the great Detroit and St. Clair rivers, across the fertile green fields, past cosy farm houses, enterprising villages, thriving cities, enabling one to pass many a pleasant hour—made doubly so by the freedom from dust and cinders, so common to railroad travel.

The elegant green cars of the Orchard Lake division take one into the heart of Oakland county, which has probably the largest number of lakes to be found in any similar sized county in the world—about 400. They are not surpassed in the world for natural beauty, which is greatly enhanced by the beautiful drives,

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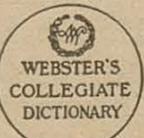
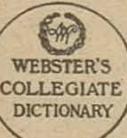
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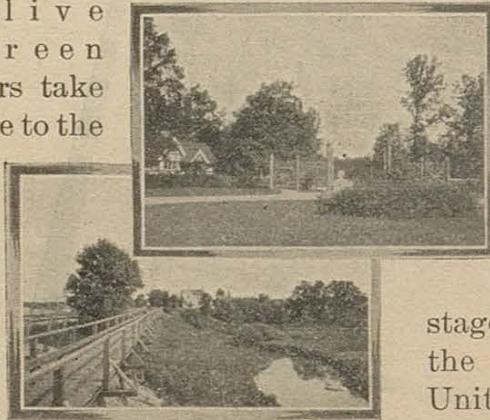
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O l i v e
G r e e n
cars take
one to the

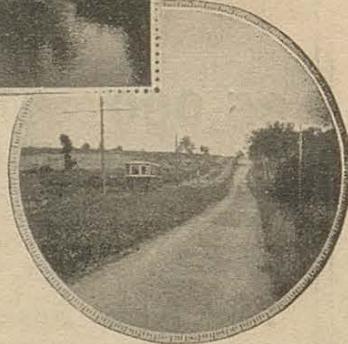
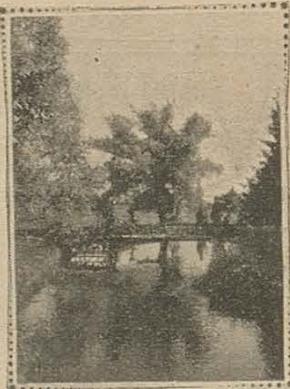


son Avenue, skirting the shores of Lake St. Clair, to the famous "Bath City"—Mt. Clemens. The line then runs north to Algonac, on the St. Clair River, from which boats leave at frequent intervals for the St. Clair Flats—"The Venice of America"—thence to Marine City and St. Clair, renowned for their famous salt wells, to Port Huron—"The Tunnel City"—at the foot of Lake Huron. The big red cars out Woodward take one to the thriving little towns of Rochester, Romeo, Oxford, Lake Orion, (and to Assembly grounds) to the bustling city of Flint; having passed through a most charming stretch of country.

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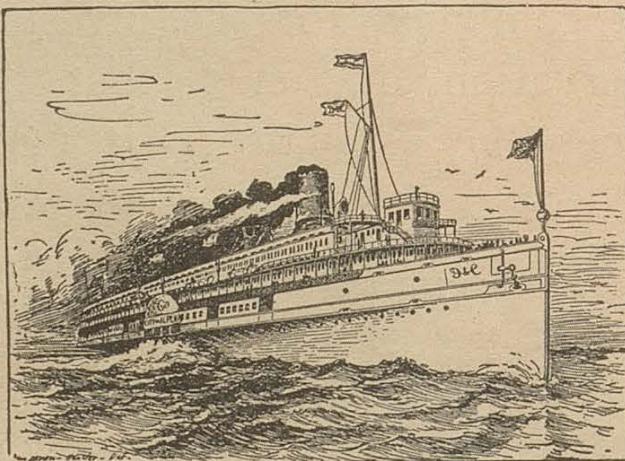
And so many are the advantages to be derived by employing the services of a trust company, for the investment and preservation of funds, that they may scarcely be estimated. It may be the fund to secure the education of the children—to sustain the aged parents, to guard the daughter against want, to start the son in business, to meet the needs of the coming years when the power to labor and to earn has ceased, or to provide against the coming requirement or the feared contingency—and a fund for such, or similar purposes, should be safeguarded by the best means obtainable. It will be best preserved, best invested and best controlled by depositing it for investment with the Union Trust Company, of Detroit.



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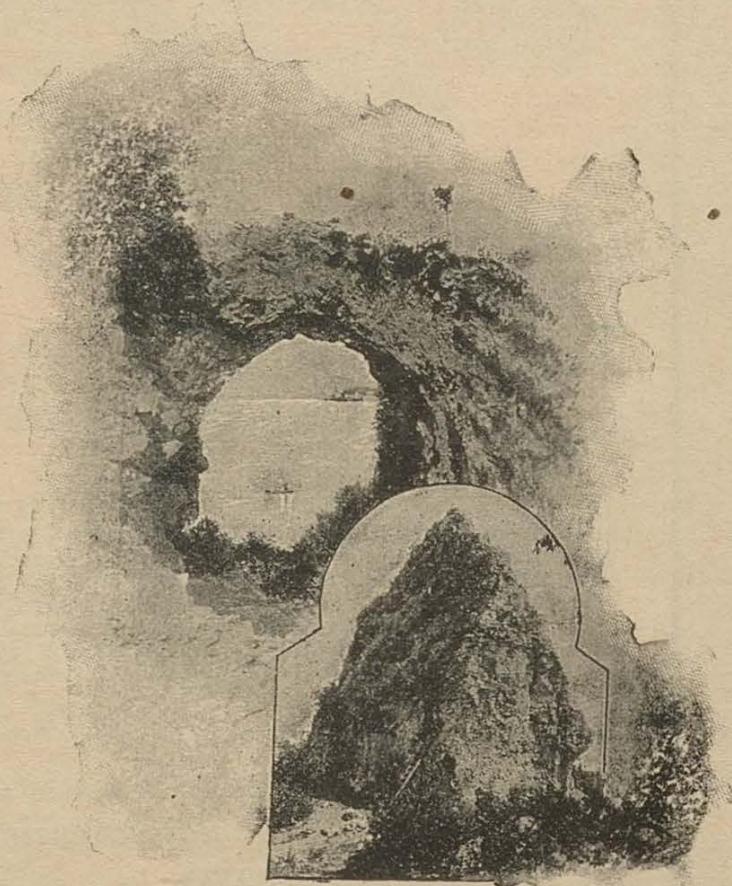
A word as to the management of the steamers while under way. Travelers have always noted with satisfaction and pleasure that red tape is conspicuous by its absence, and continuous courtesy, by its presence. Though the principal officers are by the very necessity of the business given autocratic power in their respective departments, they do not use it after the manner of an autocrat. No master is employed who is not a gentleman. These conditions apply to all employes of our company.

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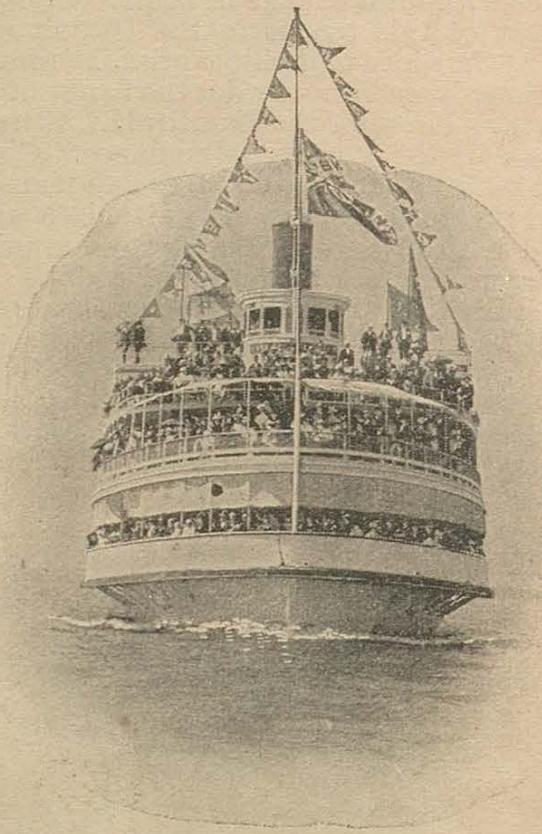
We wish to call the attention of tourists to the all-important fact that this is the only first-class passenger line that touches at all the main points between Detroit and Mackinac Island. They are thus given close connections with the inland lakes and hunting grounds that lie between the two main points, and are not compelled to lengthen their routes and expense bills in order to reach the hunting, fishing and tourist resorts of Michigan.

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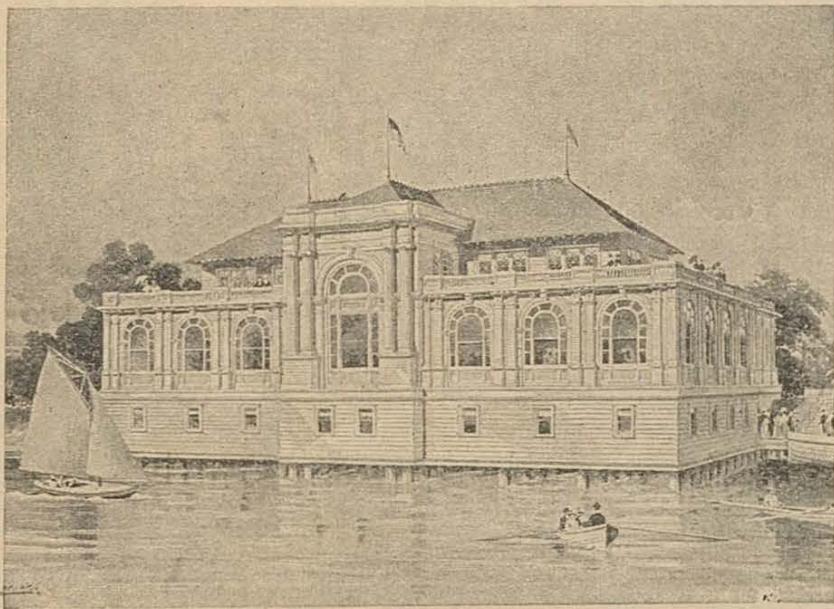
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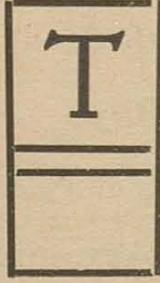
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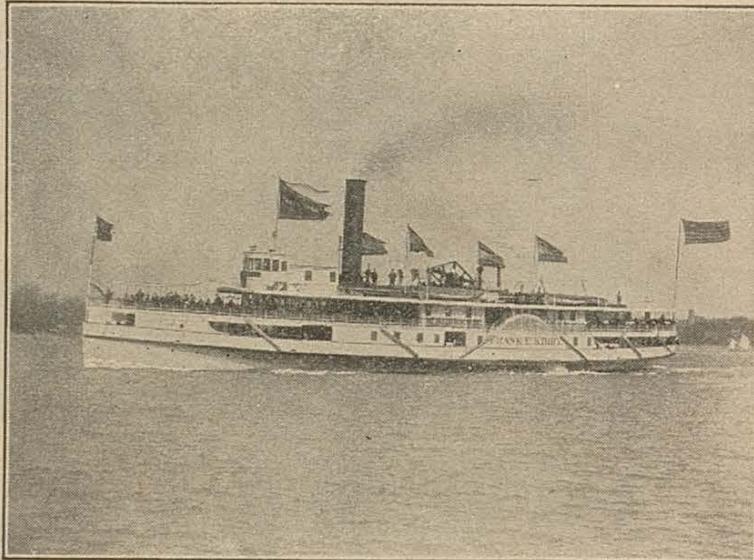
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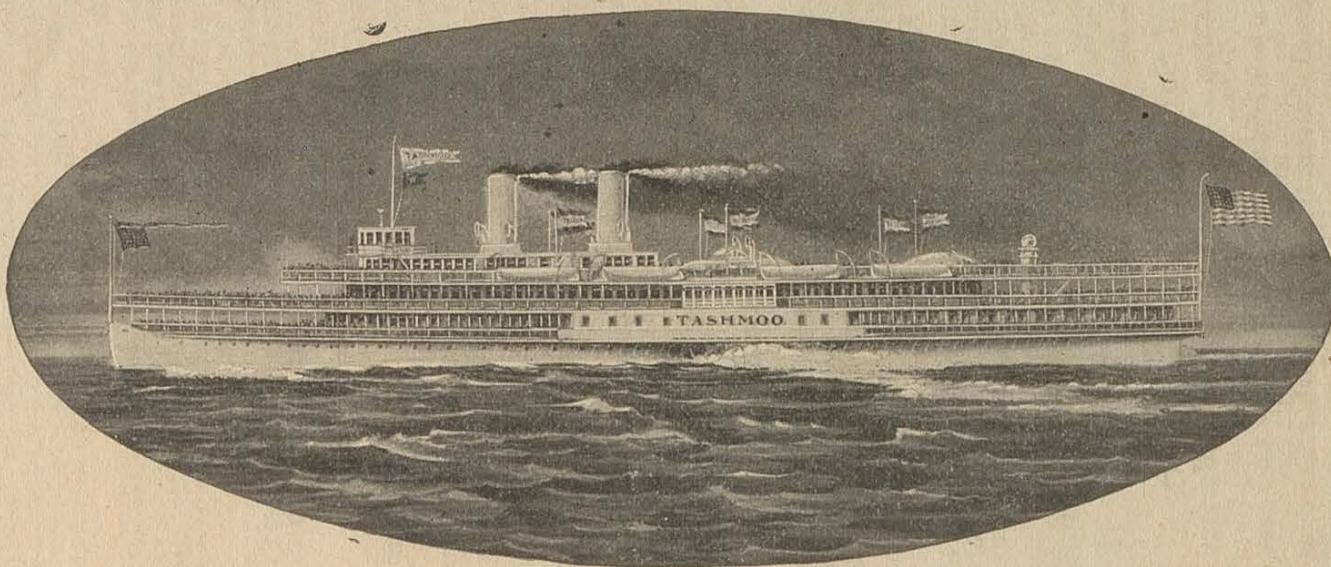
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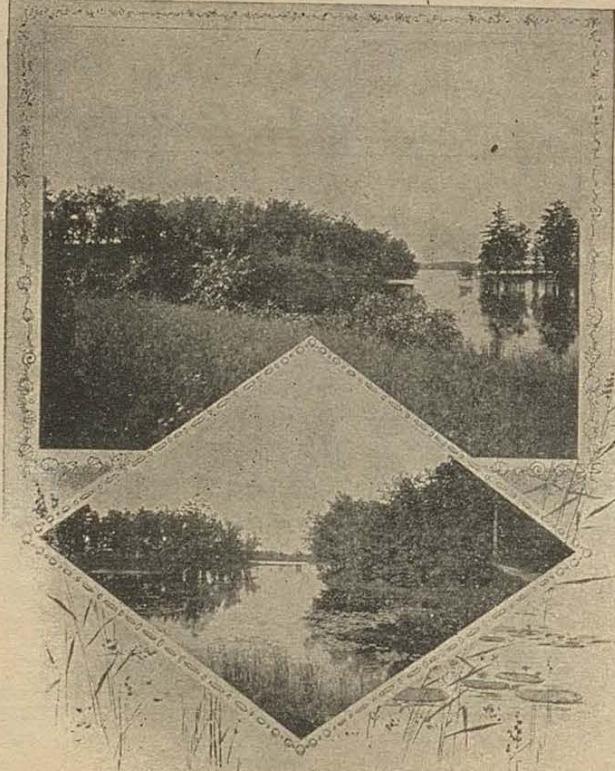
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The Cincinnati Game Co.'s Educational Games.



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ROMEO AND JULIET.

Look, love, what envious streaks
Do lace the severing clouds in yonder east.
Night's candles are burnt out, and jocund day,
Stands tiptoe on the misty mountain tops.

Act III, Scene 5.

Sample of illustrations in
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